

# **Head Office**

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## **ABOUT US**

Rianlon is a leading solution provider of anti-aging additives and application technologies for polymer materials in the world. Our product portfolio includes antioxidants (RIANOX®), light stabilizers (RIASORB®) and U-pack® which is customized blending formulation to provide one-stop anti-aging solution. Rianlon is a government certified "National High-tech Enterprise". We are also the first publicly listed company in the Chinese anti-aging additives industry, stock symbol: 300596. We commit to the Value Creation for customers and focus on anti-aging technologies for polymer materials. At the same time, we also strive to the innovation of technology and global network so as to make contribution to the advancement of technology for global polymer materials.

### PRODUCTION SITES

Rianlon has a very complete product portfolio with sufficient capacity of anti-aging additives for Polymers, including GAO, SAO, UVA, HALS and U-pack® and will continue to expand capacities worldwide in line with our market development and demands of customers.

Rianlon has 5 production sites.

- m Tianjin Hangu
- Mingxia Zhongwei
- Zhejiang Changshan

- Hebei Hengshui
- Guangdong Zhuhai
- Meimenggu Chifeng









# DEVELOPMENT TIMELINE

1994: Started the R&D, production and sales of anti-aging additives.

The Beginning

2003: Established Tianjin Hangu site.

**2011:** Established Ningxia Zhongwei site.

**2017:** Acquired Kerun New Material Co., Ltd. in Zhejiang and expanded its production capacity.

**2018:** Invested on Guangdong Zhuhai site project.

**2019:** Completed the acquisition of Hengshui Kaiya Co., Ltd. in Hebei to complement Rianlon's HALS capacity.

Rianlon plans to gradually achieve the production of every product at different sites to ensure reliability of the supply to customers.

Production Footprint

2003: Set up R&D center.

**2011:** Set up Application Technologies Engineering Center, launching the business of providing U-pack® solution.

**2017:** Set up Postdoctoral Workstation in Tianjin and Academician Workstation in Changshan, Zhejiang.

**2018:** The newly completed Research Institute Building was put into operation, significantly improving basic conditions for company's technology innovation.

**2019:** Recognized as the National Enterprise Technology Center.

Technologica Innovation

> Global Service Network

2005: Began global sales and marketing with Rianlon brand names.

2008: Established the European Subsidiary

2012: Eastablished the U.S. and Hong Kong Subsidiaries.

**2017:** Established sales offices in both Guangzhou and Suzhou. Created the Rubber Business Division and Polyolefin Division.

2018: Established the Japan Subsidiary.

Rianlon delivers the promise of serving major customers around the world within 72 hours by continuous improvement of our global sales network and logistic network.

**2017.01.19:** Successfully listed on Shenzhen Stock Exchange, entering into a new development stage with the combination of excellent industrial capability and capital market. Rianlon commits itself to the mission of creating value for customers, stays focused on anti-aging technologies for polymer materials and the contribution to the technological advancement of global polymer industries.

New Growth Era





# R&D and QC

Our research institute consists of process engineering development center and application technology development center. We strive for the innovation of new process and product development and ultimately aim for the commercialization of these innovations. At the same time, we have a complete ISO9001 system with a strict QC procedure to enable live monitoring of the entire production and operation process, ensuring first class product quality. SQC is used to analyze each batch of products to ensure the stability of the quality.

# **EHS AND SUSTAINABILITY**

Rianlon is fully equipped with solid waste, waste water and waste gas treatment facilities to ensure the long term stability of the company running. Not only we are ISO14001 and OHSAS18001 certified, Rianlon also obtained excellent results in on-site Tfs Addit.



# PRODUCTS AND APPLICATION

Our product portfolio includes antioxidants, light stabilizers and U-pack.

These products are widely used in such industries as automotive parts, coatings, construction materials, packaging, electronics, housewares etc. We are offering one of the most comprehensive selections of anti-aging additives to the most challenging applications our customers face. Through self-innovation, institute collaboration and customer cooperation, we are able to consistently expand production lines and provide new products and technical service year by year.

	Antioxidants—Primary A	Antioxic	lants		
		MW	Melting Range (C)	TGA (°C % mass loss)	Application
RIANOX* 1010 Tetrakis [methylene (3, 5-di-t-butyl-4 -hydroxyhydrocinnamate) ]methane CAS No.: 6683-19-8	HO C	1178	110-125	350 5% 365 10% 387 25%	Polyolefin Engineering Plastic Elastomer Adhesive PVC ABS PS PMMA
RIANOX* 1076 Octadecyl 3-(3',5'-di-t-butyl4'-hydroxyphenyl)propionate CAS No.: 2082-79-3	OH O—n-C <sub>18</sub> H <sub>37</sub>	531	50-55	260 5% 278 10% 302 25%	Polyolefin Engineering Plastic Elastomer Adhesive PVC ABS PS PMMA
RIANOX* MD-1024 1,2-Bis(3,5-di-tert-butyl-4hydroxyhydrocinnamoyl) hydrazine CAS No.: 32687-78-8	HO H	553	221-232	284 5% 295 10% 330 50%	PP XLPE
RIANOX* MD-697 2, 2'-Oxalyldiamidobis [ethyl-3-(3, 5-di-t-butyl-4-hydroxyphenyl) propionate] CAS No.: 70331-94-1	HO NO	697	174-180	326 10% 338 20% 345 30%	PP XLPE
RIANOX* 1098 N,N'-Hexamethylene bis[3-(3,5-di-t-butyl-4- -hydroxyphenyl)propionamide] CAS No.: 23128-74-7	O CH <sub>2</sub>	637	156-162	330 5% 342 10% 375 25%	PA POM Polyester PU Adhesive Elastomer
RIANOX* 3114 1,3,5-Tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione CAS No.: 27676-62-6	HOOHOH	784	218-223	305 5% 319 10% 337 25%	PP Polyester PVC PU Elastomer Adhesive
RIANOX* 245 Triethyleneglycol-bis[3-(3-t-butyl-4-hydroxy-5-methyphenyl)propionate] CAS No.: 36443-68-2	HO CH <sub>3</sub> OCH <sub>2</sub>	587	77-81	297 5% 312 10% 332 25%	POM PU ABS/PS/MBS PVC Polyester
RIANOX* 1520 2-Methyl-4,6-[(octylthio) methyl] phenol CAS No.: 110553-27-0	OH S-C8H17	424.7	~14	253 2% 269 5% 298 25%	BR SBR NBR IR SBS/SIS Adhesive

		MW	Melting Range (°C)	TGA (°C % mass loss)	Application
RIANOX* 1726 4,6-Bis (dodecylthiomethyl)-o-cresol CAS No.:110675-26-8	OH S-C <sub>12</sub> H <sub>25</sub>	537	28	270 2% 286 5% 313 25%	HMA SBA WBA
RIANOX* 1035 2,2'-Thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate] CAS No.: 41484-35-9	OCH <sub>2</sub> CH <sub>2</sub> s	642	63-82	291 5% 309 10% 335 25%	XLPE LDPE PP HIPS Elastomer
RIANOX* 1135/1135R Benzenepropanoic acid,3,5-bis (1,1-dimethyl-ethyl)-4-hydroxy-,C7- C9 branched alkyl/2-ethylhexyl esters CAS No.: [125643-61-0]/[144429-84-5]	O—iso-C <sub>8</sub> H <sub>17</sub>	390		160 1% 200 10%	Polyol Lubricating Oil Elastomer
RIANOX* 5057 Benzenamine, N-phenyl-, reaction products with 2, 4, 4-trimethylpentene CAS: 68411-46-1	R $R$ $R$ $R$ $R$ $R$ $R$ $R$ $R$ $R$	393		196 2% 221 5% 274 25%	Polyol Lubricating Oil Elastomer
RIANOX* 330 1,3,5-Trimethyl-2,4,6-tris- (3,5-di-tert-butyl-4-hydroxybenzyl) benzene CAS No.: 1709-70-2	HO H <sub>3</sub> C CH <sub>3</sub>	775	240-245	316 5% 350 10% 385 25%	PP PE Elastomer Engineering Plast PU Adhesive
RIANOX* 1790 1,3,5-tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione CAS No.: 40601-76-1	HO	700	159-163	202 1% 333 5% 349 10%	PU Polyolefin PS Polyester PA
An	tioxidants—Secondary	Antiox	idants		
RIANOX* 168 Tris(2,4-di-t-butylphenyl) phosphite CAS No.: 31570-04-4	P = 0	647	183-187	239 5% 250 10% 272 25%	Polyolefin Engineering Plast Elastomer Adhesive PVC ABS PS PMMA
RIANOX* 626 Bis(2.4-di-t-butylphenyl) pentaerythritol diphosphite CAS No.: 26741-53-7	→ <b>~</b> • • • • • • • • • • • • • • • • • • •	604	170-180	256 1% 312 5% 336 10% 368 25%	Polyolefin Engineering Plast Elastomer Adhesive PVC ABS PS PMMA
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		MW	Melting Range (°C)	TGA (°C % mass loss)	Application
RIANOX® DSTP Dioctadecyl 3,3'-thiodipropionate CAS No.: 693-36-7	$\begin{bmatrix} H_{37}C_{18}-O-C-CH_{2}CH_{2} \\ \end{bmatrix}_{2}^{O}S$	683	63.5-68.5	270 5% 310 10% 342 25%	Polyolefin Engineering Plastic Adhesive ABS PS
RIANOX® DLTP Dilauryl 3,3'-thiodipropionate CAS No.: 123-28-4	$\begin{bmatrix} H_{25}C_{12}-O-C-CH_{2}CH_{2} \\ \end{bmatrix}_{2}^{O}S$	515	39.5-42.5	251 5% 270 10% 296 25%	Polyolefin Engineering Plastic Adhesive ABS PS
RIANOX* 412S Pentaerythrityl tetrakis (3-laurylthiopropionate) CAS No.: 29598-76-3	H <sub>25</sub> C <sub>12</sub> SCH <sub>2</sub> CH <sub>2</sub> CO <sub>2</sub> CH <sub>2</sub> -C	1162	48-54	295 1% 335 5% 351 10% 361 15%	PP PC PA Adhesive PC/ABS Polyester
	Light Stabilizers—UV	Absorb	ers		
RIASORB* UV-326 2-(2'-Hydroxy-3'-t-butyl-5'- -methylphenyl)-5-chlorobenzotriazole CAS No.: 3896-11-5	CI NO HO	316	137-142	202 5% 205 10% 236 25%	Polyolefin Polyester PVB Adhesive PVC
RIASORB® UV-328 2-(2'-Hydroxy-3',5'-di-t-amyl-phenyl)benzotriazole CAS No.: 25973-55-1	HO	351	80-88	197 5% 210 10% 247 25%	Coating PU Adhesive POM PVB Polyolefin Elastomer PVC
RIASORB® UV-329 2-(2H-benzotriazole-2-yl)-4-(1,1,3,3 -tetramethylbutyl)phenol CAS No.: 3147-75-9	HO HO	323	102-108	180 1% 220 5%	PC PVB POM PMMA PC/ABS
RIASORB® UV-360 Phenol, 2,2'-methylene-bis (6-(2H-benzotriazol-2-yl)-4- (1,1,3,3-tetramethylbutyl)) CAS No. 103597-45-1	N OH OH N	659	192-198	333 1% 350 2%	PC PPE PA POM
RIASORB® UV-P 2-(2'-Hydroxy-5'-methylphenyl)benzotriazole CAS No.: 2440-22-4	HO HO	225	128-132	163 5% 178 10% 190 25%	PVC ABS PU Engineering Plastic
RIASORB® UV-234 2-(2H-benzotriazol-2-yl)-4,6-bis (1-methyl-1-phenylethyl)phenol CAS No.: 70321-86-7	HO HO	447.6	137-141	264 1% 280 2% 302 5%	Polyseter PC POM PA PU PS PMMA Coating
RIASORB* UV-1130 Reaction products of methyl 3-(3-(2H-benzotriazole-2-yl)-5-t- butyl-4-hydroxyphenyl) propionate and PEG 300 CAS No. 104810-48-2 104810-47-1 25322-68-3	HO A8%-52%  CH <sub>2</sub> CH <sub>2</sub> CO (OCH <sub>2</sub> CH <sub>2</sub> ) 6-7OH  HO A6%-40%  CH <sub>2</sub> CH <sub>2</sub> CO (OCH <sub>2</sub> CH <sub>2</sub> ) 6-7O  12%	637 975 300	-40	140 1% 280 10%	Industrial Coating Automotive Coating

		MW	Melting Range (°C)	TGA (C % mass loss)	Application
RIASORB* UV 384-2 Benzenepropanoic acid, 3-(2H-benzotriazol-2-yl)-5-(1,1- dimethylethyl)-4-hydroxy-, C7-9- branched and linear alkyl esters 1-methoxy-2-propyl acetate CAS No.: 127519-17-9 108-65-6	$\bigcap_{N} \bigcap_{C_7H_{15}-C_9H_{19}}$	452		264 2% 292 5% 336 25%	Industrial Coating Automotive Coating
RIASORB* UV-928 2-(2H-Benzotriazol-2-yl)-6-(1-methyl-1-phenylethyl)-4-(1, 1, 3, 3-tetramethylbutyl) phenol CAS No.: 73936-91-1	HO HO	441.6	108-113	278 2% 299 5% 347 25%	Automotive Coating Powder Coating Coll Coating
RIASORB* UV-400  1, 3- Benzenediol, 4- [4, 6-bis (2, 4- dimethylphenyl)-1, 3, 5- triazin-2-yl]-, reaction products with [(dodecyloxy) methyl]oxirane and oxirane mono [(C10-16-alkyloxy) methyl] derivatives 2-Propanol, 1-methoxy CAS No.:153519-44-9 107-98-2	OH O-CH <sub>2</sub> CHCH <sub>2</sub> —O-C <sub>12</sub> H <sub>25</sub> /C <sub>13</sub> H <sub>27</sub> OH	647			Automotive Coating Industrial Coating Wood Coating Architectural Coating
RIASORB* UV-405 2-[4,6-bis(2,4-dimethylphenyl) -1,3,5-triazin-2-yl]-5-[3-[(2-ethylhex-yl)oxy]-2-hydroxypropoxyl]-phenol CAS No.: 137658-79-8	OH OH N N	583.8	73-77	366 1% 408 5% 426 10%	High performance automotive OEM powder coatings High performance industrial powder coatings High performance liquid coatings
RIASORB* UV-1577 2-(4,6-Diphenyl-1,3,5-triazin-2 -yl)-5-[(hexyl)oxy]-phenol CAS No.: 147315-50-2	OC <sub>6</sub> H <sub>13</sub>	425.5	147-151	317 2% 338 5% 379 25%	PC PC/ABS PC/PBT PPE/IPS PPE/PA
RIASORB* UV-1164 2,4-bis(2,4-dimethylphenyl)-6-( 2-hydroxy-4-octyloxyphenyl)-s -triazine CAS No.: 2725-22-6	OH NNNN NNN NNNNNNNNNNNNNNNNNNNNNNNNNNN	509.7	88-91	322 2% 347 5% 398 25%	PE PP PA ASA PETG PMMA PC Polyester
RIASORB® UV-531 2-Hydroxy-4-octoxybenzophenone CAS No.: 1843-05-6	OC <sub>8</sub> H <sub>17</sub>	326	47-50	200 0.8% 225 2.1% 250 6.4%	LLDPE EVA HDPE PVC Elastomer
	Light Stabilizers—	HALS			
RIASORB* UV-123 Decanedioic acid, bis(2,2,6,6-tetramethyl-1-(octyloxy)-4-piperidinyl) ester, reaction products with 1,1-dimethylethylhydroperoxide and octane CAS No.:129757-67-1	$\begin{array}{c c} H_{17}C_8O-N & H & H \\ \\ OCO(CH_2)_8COO & N-OC_8H_{17} \end{array}$	737	<-30℃		Automotive Coating Industrial Coating Wood Coating
RIASORB* UV-292 Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS No.: 41556-26-7 82919-37-7	CH <sub>3</sub> N O (CH <sub>2</sub> ) 1 2 CH <sub>3</sub> N O (CH <sub>2</sub> ) N	509 370		225 1% 250 3% 275 10%	Industrial Coating Automotive Coating

				MW	Melting Range (C)	TGA (°C % mass loss)	Application
with 4-hydroxy-	d, dimethyl ester, polymer 2, 2, 6, 6- peridine ethanol		O H <sub>2</sub> —CH <sub>2</sub> —CH <sub>2</sub> —		50-70	200 0.1% 250 0.4% 275 1.1%	Polyolefin POM PA PU
RIASORB* UV- Bis(2,2,6,6-tetra sebacate CAS No.: 5282	amethyl-4-piperidyl)	0 0 II II OC(CH <sub>2</sub> ) <sub>8</sub> CO	N-H	481	81-85	203 1% 221 5% 242 10%	Polyolefin EPDM ABS/SAN/ASA PU PA POM
s-triazine-2,4-d -4-piperidyl) im [2,2,6,6,-tetrame CAS No.: 70626	-tetramethylbutyl)amino]- inyl][(2,2,6,6-tetramethyl- ino] hexamethylene ethyl-4-piperidyl) imino]]	H H I N N N N N N N N N N N N N N N N N		Mn= 2000-310	0 100-135	275 0.2% 300 1.0% 325 3.7%	Polyolefin PU PA POM
methyl-2,2,6,6-t	akis(4,6-bis(butyl-(N- e tramethylpiperi- triazin- 2- yl) -4,7- 10-diamine	R H N N N N N N N N N N N N N N N N N N	H <sub>3</sub> ) <sub>3</sub> -N-N-N-R	2285.6	115-150	353 1% 418 5% 437 10%	PE PP EPR EPDM ERR EVA EVOH
			ack®				
U-pack® 621B	applications	n of Antioxidants for variety	U-pack® B71	95 U	-pack specially u	ised in the polyeth	er polyols industry
U-pack <sup>®</sup> 621B U-pack <sup>®</sup> B1171	applications	n of Antioxidants for variety	U-pack® B71 U-pack® B73				er polyols industry polyolefin materials
	applications  A customized formulatio applications	•		22 U-	-pack specially u		polyolefin materials
U-pack <sup>®</sup> B1171	applications  A customized formulatio applications  A customized formulatio applications	n of Antioxidants for variety	U-pack® B73	22 U-	-pack specially u	used for modified p	polyolefin materials unding industry
U-pack* B1171 U-pack* B1411	applications  A customized formulatio applications  A customized formulatio applications  A customized formulatio applications	n of Antioxidants for variety n of Antioxidants for variety	U-pack® B73	22 U- 55 U- 02 U-	-pack specially u -pack specially u -pack specially u	used for modified pureling is the compound of	polyolefin materials unding industry um resin industry
U-pack* B1171 U-pack* B1411 U-pack* B215	applications  A customized formulatio applications	n of Antioxidants for variety n of Antioxidants for variety n of Antioxidants for variety	U-pack® B73 U-pack® B74 U-pack® B74	22 U- 55 U- 02 U- 29 U-	-pack specially u -pack specially u -pack specially u -pack specially u	used for modified purelised in the compou	polyolefin materials unding industry um resin industry fin industry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220	applications  A customized formulatio applications	n of Antioxidants for variety	U-pack® B73 U-pack® B73 U-pack® B74 U-pack® B74	22 U- 55 U- 02 U- 29 U- 58 U-	-pack specially u	used for modified purely issed in the compour issed in the petroleic issed in the polyole issed in the petroleic i	polyolefin materials unding industry um resin industry fin industry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225	applications  A customized formulatio applications	n of Antioxidants for variety	U-pack* B73 U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74	22 U- 55 U- 62 U- 29 U- 58 U- 21E U-	-pack specially u	used for modified purely issed in the compour issed in the petrolectissed in the polyolectissed in the petrolectissed in the petrolectissed in the polyeth	polyolefin materials unding industry um resin industry fin industry um resin industry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777	applications  A customized formulatio formulatio	n of Antioxidants for variety	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75	22 U- 55 U- 02 U- 29 U- 58 U- 21E U- 22 in	-pack specially u -pack antioxider dustry	used for modified purely issed in the compour issed in the petrolectissed in the polyolectissed in the petrolectissed in the petrolectissed in the polyeth	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry n the polyether poly
U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561	applications  A customized formulatio applications  U-pack specially used in the	n of Antioxidants for variety	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75	22 U- 55 U- 02 U- 29 U- 58 U- 21E U- in	-pack specially u	ised for modified purely ised in the petrolection in the petrolection is sed in the polyolection is sed in the polyolection is sed in the polyothem is specially used in the synthetic is sed in the s	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry n the polyether polyic rubber industry
U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018	applications  A customized formulatio applications  U-pack specially used in the	n of Antioxidants for variety esynthetic rubber industry materials made by emulsion	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B75	22 U- 55 U- 55 U- 55 U- 29 U- 58 U- 21E U- 22 Unin 28 U- 28 U- 26 U- 27 U- 28 U- 28 U- 29 U- 20	-pack specially u -pack antioxider dustry -pack specially u -pack specially u -pack specially u	ised for modified purely ised in the petrolection in the petrolection is sed in the polyolection is sed in the polyolection is sed in the polyothem is specially used in the synthetic is sed in the s	oolyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry n the polyether pol ic rubber industry e use in polyureth
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D	applications  A customized formulatio applications  U-pack specially used in the U-pack specially used for polymerization  U-pack specially used in the	n of Antioxidants for variety esynthetic rubber industry materials made by emulsion	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B76 U-pack* B76	22 U- 55 U- 55 U- 55 U- 29 U- 29 U- 21E U- 22 U- 28 U- 28 U- 28 U- 21 U- 28 U- 28 U- 29 U- 20 U- 20 U- 21 U-	-pack specially u -pack antioxider dustry -pack specially u -pack specificall seed adhesive -pack specially u	ised for modified purely ised in the petrolection in the petrolection in the polyolection in the polyolection in the polyothem is specially used in the synthetic is is in the synthetic is in the synthetic is in the synthetic in	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry n the polyether polic rubber industry e use in polyureth lustry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7029	applications  A customized formulatio applications  U-pack specially used in the U-pack applications	n of Antioxidants for variety synthetic rubber industry materials made by emulsion esynthetic rubber industry lly used in the polyether polyols	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B75 U-pack* B77 U-pack* B77	22 U- 55 U- 602 U- 58 U- 58 U- 602 U- 605 U- 606 U- 607 U-	-pack specially u -pack antioxider dustry -pack specially u	ised for modified purely ised in the petrolection in the petrolection in the polyolection in the polyolection in the polyothem is specially used in the synthetic is is in the synthetic is in the synthetic is in the synthetic in	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry ic rubber industry e use in polyureth lustry utioxidants for variational industry entioxidants for variational industry entitioxidants for variational industry entitles entitles industry entitles entitles industry entitles industry entitles industry entitles entitles industry entitles entitles industry entitles
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7029 U-pack* B7033	applications  A customized formulatio applications  U-pack specially used in the U-pack specially used for polymerization  U-pack appecially used in the U-pack applications  U-pack specially used in the U-pack applications	n of Antioxidants for variety e synthetic rubber industry e synthetic rubber industry lly used in the polyether polyols e synthetic rubber industry	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B76 U-pack* B77 U-pack* B77 U-pack* B77	22 U- 55 U- 602 U- 58 U- 58 U- 21E U- 22 U- 10 U- 605 U- 606 U- 607 U- 607 U- 608 U- 609 U- 6	-pack specially u	ised for modified passed in the compound is sed in the petroleurs is sed in the polyoleurs is sed in the polyoleurs is sed in the polyoth into specially used in the synthetic is sed in the TPU indicates i	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry ic rubber industry e use in polyureth lustry utoxidants for varustry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7029 U-pack* B7033 U-pack* B7068	applications  A customized formulatio applications  U-pack specially used in the U-pack specially used in the U-pack antioxidents special industry  U-pack specially used in the U-pack antioxidents special industry  U-pack specially used in the	n of Antioxidants for variety e synthetic rubber industry synthetic rubber industry lly used in the polyether polyols e synthetic rubber industry	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B76 U-pack* B77 U-pack* B77 U-pack* B79 U-pack* B79 U-pack* B79	22 U- 55 U- 602 U- 58 U- 58 U- 21E U- 22 U- 10 U- 12 U- 10 A- 11 U- 17 10 U	-pack specially u	used for modified purely issed in the petrolect issed in the petrolect issed in the polyolect issed in the polyolect issed in the polyeth into specially used in the synthetic by designed for the issed in the TPU indicates and in the TPU indicates in the TPU ind	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry ic rubber industry e use in polyureth lustry utoxidants for varustry
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U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7022D U-pack* B7033 U-pack* B7068 U-pack* B7070 U-pack* B7070 U-pack* B7081L	applications  A customized formulatio applications  U-pack specially used in the U-pack specially used in the U-pack antioxidents special industry  U-pack specially used in the U-pack specially used in the U-pack specially used for polymerization  U-pack specially used in the U-pack used in the TPU indi	n of Antioxidants for variety esynthetic rubber industry transaction and by emulsion esynthetic rubber industry lly used in the polyether polyols esynthetic rubber industry plyolefin compounds esynthetic rubber industry	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B77 U-pack* B77 U-pack* B77 U-pack* B77 U-pack* B70 U-pack* U-	22 U- 55 U- 55 U- 55 U- 58 U- 58 U- 58 U- 59 U- 50 U-	-pack specially u -customized for -pack specially u -pack light stal aterials -pack light stal aterials	ised for modified purely ised in the petrolection in the petrolection is sed in the petrolection is sed in the polyolection is sed in the polyothem is specially used in the synthetic by designed for the petrolection is sed in the TPU indicates and in the TPU indicates in the TPU in	polyolefin materials unding industry um resin industry fin industry um resin industry er polyols industry it rubber industry it rubber industry e use in polyureth lustry ustry ustry ustry ustry ch for PP automoch for PP au
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7022D U-pack* B7033 U-pack* B7068 U-pack* B7070 U-pack* B7081L U-pack* B7120	applications  A customized formulatio applications  U-pack specially used in the U-pack used in the U-pack specially used in th	n of Antioxidants for variety esynthetic rubber industry transaction and by emulsion esynthetic rubber industry lly used in the polyether polyols esynthetic rubber industry plyolefin compounds esynthetic rubber industry	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B77 U-pack* B77 U-pack* B77 U-pack* B79 U-pack* U-pack	22 U- 55 U- 602 U- 58 U- 58 U- 58 U- 58 U- 58 U- 58 U- 59 U- 50 U-	-pack specially u -pack light stal -pack light stal -pack mainly use	ised in the composition is sed in the petrolection is sed in the petrolection is sed in the petrolection is sed in the polyother is specially used in the synthetic specially used in the synthetic specially used in the TPU indicated in the TPU indicated in coating in coating indicat	polyolefin materials unding industry um resin industry fin industry er polyols industry er polyols industry the polyether polyols industry e use in polyureth dustry et use in polyureth ustry ustry ustry the for PP automoth for PP automoth industry
U-pack* B1171 U-pack* B1411 U-pack* B215 U-pack* B220 U-pack* B225 U-pack* B2777 U-pack* B561 U-pack* B7018 U-pack* B7022D U-pack* B7022D U-pack* B7029 U-pack* B7033 U-pack* B7068 U-pack* B7068 U-pack* B7070 U-pack* B7081L U-pack* B7120 U-pack* B7135	applications  A customized formulatio applications  U-pack specially used in the U-pack specially	n of Antioxidants for variety n of Antioxidants n of Antioxidants n of Antioxidants n of Antioxi	U-pack* B73 U-pack* B74 U-pack* B74 U-pack* B74 U-pack* B75 U-pack* B75 U-pack* B77 U-pack* B77 U-pack* B77 U-pack* B70 U-pack* U-pack	22 U- 55 U- 55 U- 55 U- 58 U- 29 U- 29 U- 28 U- 22 U- 28 U- 28 U- 28 U- 28 U- 28 U- 28 U- 305 U- 5050 U- 5151 U- 7303 U- 7308 U- 7750W U- 27750W U	-pack specially u -pack light stal aterials -pack mainly use -pack specially u	used for modified purely issed in the petrolect issed in the polyolect issed in the petrolect issed in the polyoth issed in the polyeth into specially used in the synthetic by designed for the issed in the TPU indicated in the TPU indicated in coating indicated in coating indicated in coating indicated in coating indicated in the polyolefined in the polyolefined in the polyolefined is seed in the polyolefined i	polyolefin materials unding industry um resin industry fin industry er polyols industry er polyols industry it rubber industry e use in polyureth dustry et use in polyureth ustry ustry ustry ustry ch for PP automoch for PP automoch industry patings