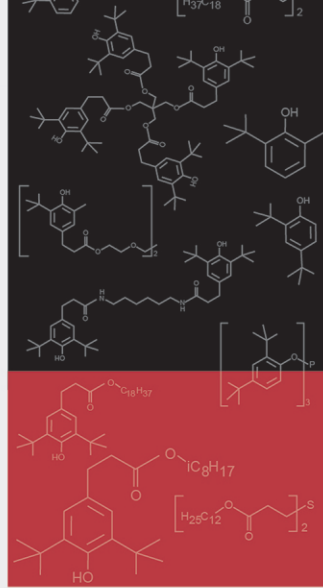


**JIYI
CHEM**

极易抗氧剂 防止聚合物材料过早老化
JIYI Antioxidant Fight For Polymer Aging



极易

北京极易控股集团有限公司

BEIJING JIYI HOLDINGS GROUP CO., LTD.



极易抗氧化剂-让聚合物保持年轻态

JIYI Antioxidant-Fight For Polymer Aging



JIYI
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▶ Factory View

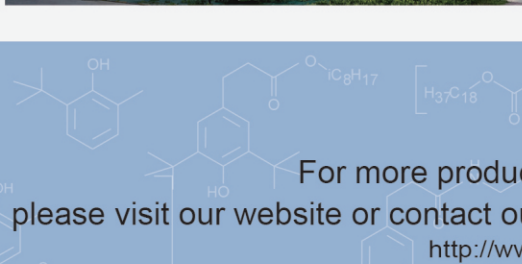
JIYI is a manufacturing and technical service company focusing on the field of polymer anti-aging additives. It is an excellent partner for manufacturers of polymers and modified polymers, such as Sinopec, PetroChina, CNOOC, CHN Energy, Basell and Total.

JIYI is a leading manufacturer in the global industry in terms of scale and technology, with an annual production capacity of 150,000 tons of anti-aging additives and 150,000 tons of raw materials and intermediates for various polymers. Now JIYI has two production bases in Beijing and Jiangsu. The Beijing base was built in 2002 and covers an area of approximately 170,000 square meters. The Jiangsu base was built in 2015 and covers an area of approximately 480,000 square meters, with world-class production capacity. And JIYI also has three global sales centers to serve customers, including the Asia Marketing Center at our Beijing headquarters, the Americas Sales Center in Atlanta, USA, and the European Sales Center in Cologne, Germany. Our Beijing headquarters, Jiangsu base and Synthetic Science Joint R&D Center provide endless impetus for the innovative development of the company and the industry.

JIYI constantly optimizes the service-oriented management system, takes the customers' demands as its own responsibility, strives to innovate and change, and provides customers' from all walks of life with more-effective excellent products and integrated anti-aging solutions through continuous innovation. Guided by the development of market and industry, JIYI will research and develop more green and sustainable products and manufacturing processes.

JIYI is your reliable partner.

▶ Factory View



For more product information,
please visit our website or contact our sales team.

<http://www.jiyichem.com>

Antioxidant JYANOX-B1171

Antioxidant JYANOX-B3116

Antioxidant JYANOX-B3126

Antioxidant JYANOX-B3216

POLYMER ADDITIVE - EMULSION & AQUEOUS DISPERSION

JYANOX-245DW

Suitable for emulsion polymerization in PVC, ABS, MBS and other industries.

JYANOX-R101/R103

Suitable for emulsion polymerization in ABS, MBS, waterborne coating and other industries.

JYANOX-R102

Suitable for emulsion polymerization in ABS and other industries.

JYANOX-R18

Suitable for waterborne coating, in PVC and other industries.

POLYMER ADDITIVE - PROPRIETARY COMPOUND ANTIOXIDANT

JYANOX-910 Series

Suitable for hot melt adhesive.

JYANOX-931 Series

Suitable for petroleum resin.

JYANOX-95X Series

Suitable for wire and cable material.

JYANOX-955 Series

Suitable for anti-aging masterbatch.

JYANOX-960 Series

Suitable for nylon.

JYANOX-980 Series

Suitable for BOPP and CPP.


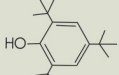
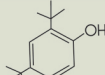


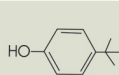

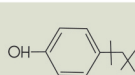
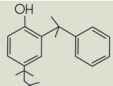

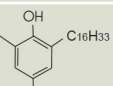
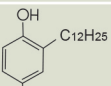
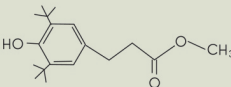
JYANOX-FX Series

Suitable for polyolefin products with excellent anti-yellowing properties.

JYANOX-PUR Series

Suitable for polyether polyols.

ALKYLPHENOL & INTERMEDIATE

2,6-di-tert-butyl phenol		CAS:128-39-2	2,4,6-tri-tert-butylphenol		CAS:732-26-3
2,4-di-tert-butyl phenol		CAS:96-76-4	2-tert-butyl phenol		CAS:88-18-6
6-tert-butyl-2-methylphenol		CAS:2219-82-1	4-tert-butylphenol		CAS:98-54-4
2,4-dicumylphenol		CAS:2772-45-4	4-tert-octylphenol		CAS:140-66-9
2-(alpha,alpha-dimethylbenzyl)-4-tert-octylphenol		CAS:73936-80-8	2-tert-butyl-4,6-di methylphenol		CAS:1879-09-0
2,4-dimethyl-6-(1-methylpenta decyl)-phenol		CAS:134701-20-5	2-lauryl-p-cresol		CAS:25912-91-8
β-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate methyl ester					CAS:6386-38-5 60-67 °C

PRODUCT FORM



◀ Powder Semi Bead ▶



◀ Granules Free Flowing ▶



◀ Micro Sphere Flakes ▶

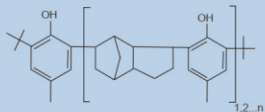
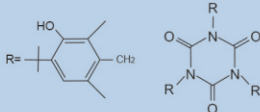
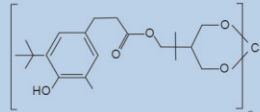
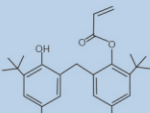
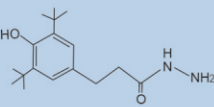


PRODUCT NAME / CHEMICAL NAME	CHEMICAL STRUCTURE FORMULA	CAS NO.	MELTING RANGE (°C)	TGA (°C)	APPLICATION
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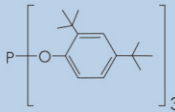
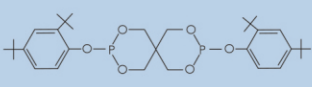

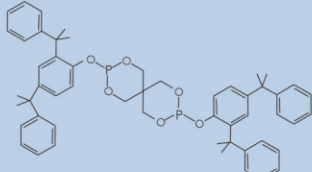
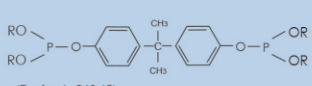
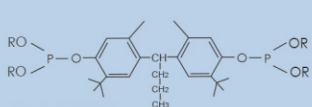
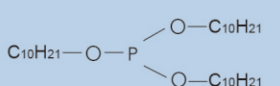
POLYMER ADDITIVE - ANTIOXIDANT

▼ HINDERED PHENOL ANTIOXIDANT

Antioxidant JYANOX-1010 tetrakis[methylene-3-(3,5-ditert-butyl-4-hydroxyphenyl)propionate] methane		6683-19-8	110-125	386 5% 401 10% 447 50%	ABS TPE(TPR) PA PE PET(PBT) PP PVC
Antioxidant JYANOX-1076 octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate		2082-79-3	49-54	307 5% 322 10% 360 50%	ABS SBS TPE(TPR) PE PP PS PC PET PMMA PVC PU
Antioxidant JYANOX-1135 benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters		125643-61-0	≤-10	217 5% 233 10% 277 50%	TPE(TPR) PUR PMMA PVB
Antioxidant JYANOX-1330 1,3,5-trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl)benzene		1709-70-2	240-245	353 5% 368 10% 412 50%	ABS Fiber PE PP PU
Antioxidant JYANOX-245 triethylene glycol-bis-3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate		36443-68-2	76-79	350 5% 365 10% 404 50%	ABS PA PVC PMMA POM PUR
Antioxidant JYANOX-3114 tris(3,5-di-tert-butyl-4-hydroxybenzyl)isocyanurate		27676-62-6	217-219	338 5% 350 10% 379 50%	ABS Fiber PVC PP
Antioxidant JYANOX-1035 thiodiethylenebis[3-(3,5-ditert-butyl-4-hydroxyphenyl)propionate]		41484-35-9	63-73	334 5% 346 10% 378 50%	PE PP PUR
Antioxidant JYANOX-1098 N,N'-hexamethylenbis(3,5-di-tert-butyl-4-hydroxyhydrocinnamamide)		23128-74-7	156-162	340 5% 354 10% 420 50%	PA TPE TPU
Antioxidant JYANOX-1024 1,2-bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)hydrazine		32687-78-8	224-229	312 5% 323 10% 362 50%	EVA PVC PP PE
Antioxidant JYANOX-697 (1,2-dioxoethylene)bis(iminoethylene)bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]		70331-94-1	172-178	336 10% 347 20% 354 30%	ABS PVC PE PP PS PET
Antioxidant JYANOX-1520 4,6-bis(octylthiomethyl)-o-cresol		110553-27-0	14-16	260 5% 276 10% 315 50%	BR NBR SBS SBR
Antioxidant JYANOX-565 2,6-di-tert-butyl-4-(4,6-bis(octylthio)-1,3,5-triazin-2-ylamino)phenol		991-84-4	94.5-96.5	336 5% 351 10% 397 50%	BR NBR SBS SBR
Antioxidant JYANOX-702 4,4'-methylene-bis(2,6-di-tert-butylphenol)		118-82-1	154-159	235 5% 252 10% 295 50%	ABS PS PE PP OIL PET
Antioxidant JYANOX-264(T501) 2,6-di-tert-butyl-4-methylphenol		128-37-0	69-71	131 5% 144 10% 180 50%	BR PU SBR NBR SBS

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Antioxidant JYANOX-L poly(dicyclopentadiene-co-p-cresol)		68610-51-5	≥ 115	315 5% 338 10% 418 50%	NR ABS IR NR SBR SBS SIS NBR
Antioxidant JYANOX-1790 1,3,5-tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione		40601-76-1	159-163	356 5% 368 10% 394 50%	PE PP PS PET PU SP ABS
Antioxidant JYANOX-GA80 3,9-bis[1,1-dimethyl-2-[(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy]ethyl]-2,4,8,10-tetraoxaspiro[5.5]undecane		90498-90-1	110-125	376 5% 392 10% 429 15%	PO PU PA POM
Antioxidant JYANOX-GM 2-tert-butyl-6-(3-tert-butyl-2-hydroxy-5-methylphenyl)methyl-4-methylphenyl acrylate		61167-58-6	128-133	190 1% 245 10%	HIPS ABS SBR NR SBS EPDM
Antioxidant JYANOX-1022 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propanehydrazide		32687-77-7	147-150	—	TPE PS PE ABS PET SBS PO SBR PU EPDM

▼ PHOSPHITE ESTER ANTIOXIDANT

Antioxidant JYANOX-168 tris(2,4-di-tert-butylphenyl) phosphite		31570-04-4	183-187	292 5% 309 10% 358 50%	ABS Nylon PE Polyester PP PU
Antioxidant JYANOX-626 bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite		26741-53-7	160-180	301 5% 324 10% 377 50%	PVC PA PET PPO ABS PBT PO
Antioxidant JYANOX-618 O,O'-dioctadecylpentaerythritol bis(phosphite)		3806-34-6	54-56	297 5% 329 10% 363 50%	PE ABS PS PC PP PVC
Antioxidant JYANOX-9228 bis(2,4-dicumylphenyl) pentaerythritol diphosphite		154862-43-8	≥ 225	376 5% 387 10% 411 50%	PE PBT PP HIPS PA PC PET
Antioxidant JYANOX-P1500 4,4'-isopropylidenediphenol C12-15 alcohol phosphite		96152-48-6	—	250 5% 284 10% 367 50%	PVC ABS PU SBS UPR SBR ALK
Antioxidant JYANOX-P4500 4,4'-butylidenebis(3-methyl-6-tert-butylphenol)bis(phosphorous acid ditridecyl)ester		13003-12-8	—	266 5% 297 10% 373 50%	TP EVA Rubber PU PVC SBS
Antioxidant JYANOX-TDP triisodecyl phosphite		25448-25-3	—	157 5% 197 10% 270 50%	PVC CR ABS PU SBR

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Antioxidant JYANOX-TTDP tris(isotridecyl)phosphite		77745-66-5	—	195 5% 242 10% 325 50%	PVC ABS SBR CR PU
Antioxidant JYANOX-DPOP isooctyl diphenyl phosphite		26401-27-4	—	132 5% 156 10% 228 50%	PVC PU ABS Resin
Antioxidant JYANOX-PDOP bis(2-ethylhexyl)phenyl phosphite		3164-60-1	—	164 5% 196 10% 256 50%	PVC PU ABS Resin
Antioxidant JYANOX-DPDP isodecyl diphenyl phosphite		26544-23-0	—	193 5% 217 10% 266 50%	PVC PU ABS Resin
Antioxidant JYANOX-DIPDP 3,9-bis(isodecyloxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane		26544-27-4	—	—	PVC PU UP LO

▼ THIOESTER ANTIOXIDANT

Antioxidant JYANOX-DSTDP distearyl thiodipropionate		693-36-7	62-68	331 5% 351 10% 386 25%	PE PVC PP PA ABS AS
Antioxidant JYANOX-DLTPD dilauryl thiodipropionate		123-28-4	39.5-41.5	273 5% 304 10% 351 25%	PE PVC PP PA ABS AS
Antioxidant JYANOX-DTDP ditridecyl thiodipropionate		10595-72-9	—	240 5% 290 10% 355 50%	PE HIPS PP PET ABS PA
Antioxidant JYANOX-412S pentaerythritol tetra(3-dodecylthio propionate)	$\left[\text{H}_{22}\text{C}_{12}\text{SCH}_2\text{CH}_2\text{CO}_2\text{CH}_3 \right]_4 \text{C}$	29598-76-3	48-54	337 5% 385 10% 404 15%	PE BR PP PS ABS PC AS
Antioxidant JYANOX-300 4,4'-thio-bis(6-tert-butyl-m-methylphenol)		96-69-5	160-164	251 5% 265 10% 306 50%	PE ABS PP EPDM PVC PB
Antioxidant JYANOX-736 4,4'-thio-bis(2-methyl-6-tert-butylphenol)		96-66-2	123-127	255 5% 271 10% 314 50%	PE PP PA CR LO

▼ AMINES ANTIOXIDANT

Antioxidant JYANOX-5057 mixture of butylated & octylated diphenylamine		68411-46-1	0-5	226 5% 244 10% 299 50%	PU PUR EVA Polyol PVC
Antioxidant JYANOX-L67 ar-nonyl-N-(nonylphenyl)-benzenamine		36878-20-3	—	218 2% 260 10% 319 50%	PU PUR EVA Polyol PVC
Antioxidant JYANOX-405 4,4'-bis(pehnylisopropyl)diphenylamine		10081-67-1	≥ 98.5	315 5% 331 10% 377 50%	NR SBR CR PU NBR OIL

PRODUCT NAME / CHEMICAL NAME	CHEMICAL STRUCTURE FORMULA	CAS NO.	MELTING RANGE (°C)	TGA (°C)	APPLICATION
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POLYMER ADDITIVE - UV ABSORBER

UV Absorber JYSORB UV-P 2-(2'-hydroxy-5'-methylphenyl) benzotriazole		2440-22-4	128-132	209 5% 225 10% 267 50%	ABS PET (PBT) PS PUR PVC
UV Absorber JYSORB UV326 2-(2'-hydroxy-3'-tert-butyl-5'-methyl phenyl)-5-chlorobenzotriazole		3896-11-5	137-141	242 5% 257 10% 299 50%	ABS PE / PP PET (PBT) PS PUR PVC
UV Absorber JYSORB UV329 2-(2h-benzotriazole-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol		3147-75-9	101-105	242 5% 259 10% 303 50%	PAC PAM PCT PET PS
UV Absorber JYSORB UV531 2-hydroxy-4-noctoxybenzophenone		1843-05-6	47-50	231 5% 244 10% 282 50%	ABS Elastomers EVA PC PE Polyester PP PVC
UV Absorber JYSORB UV234 2-[2-hydroxy-3,5-di(1,1-dimethylbenzyl) phenyl]-2H-benzotriazole		70321-86-7	137-141	310 5% 327 10% 372 50%	PU PP PE PA PC PVC PET PMMA PS TPE TPU
UV Absorber JYSORB UV2908 hexadecyl-3,5-di-tert-butyl-4-hydroxybenzoate		67845-93-6	59-66	268 5% 283 10% 325 50%	PE PP PET PC PVC PU ABS PS TPE TPU
UV Absorber JYSORB UV360 bis[2-hydroxy-5-tert-octyl-3-(benzotriazole-2-yl)phenyl]methane		103597-45-1	195-198	372 5% 389 10% 436 50%	PP PE PA PC PET PMMA POM PS SBS SIS

POLYMER ADDITIVE - LIGHT STABILIZER

▼ HINDERED AMINE

Light Stabilizer JYLSTAB-770 bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate		52829-07-9	81-85	269 5% 285 10% 328 50%	PP PS PE ABS
Light Stabilizer JYLSTAB-622 butanedioic acid, 1,4-dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol		70198-29-7	>70	329 5% 339 10% 364 50%	PP PE PS PUR POM ABS
Light Stabilizer JYLSTAB-944 1,6-hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine		70624-18-9	100-135	414 5% 435 10% 475 50%	PP PE Polyacetals Polyurethanes PPE Polyamides
Light Stabilizer JYLSTAB-292 bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		41556-26-7 82919-37-7	≤-10	242 5% 265 10% 329 50%	PP PE PU PUR PS ABS
Light Stabilizer JYLSTAB-783 mixture of: poly-[[6-[(1,1,3,3-tetramethyl butyl)-imino]-1,3,5-triazine-2,4-diy]]-[2-(2,2,6,6-tetramethylpiperidyl)amino]-hexamethylene [4-(2,2,6,6-tetramethylpiperidyl)-imino]and Poly-(N-β-hydroxyethyl-2,2,6,6-tetramethyl-4hydroxy-piperidyl succinate)		70198-29-7 70624-18-9	>90	341 5% 351 10% 395 50%	PP PE PUR POM PA ABS

POLYMER ADDITIVE - BLEND ANTIOXIDANT

Antioxidant JYANOX-B215	Antioxidant JYANOX-B225	Antioxidant JYANOX-B561	Antioxidant JYANOX-B900
Antioxidant JYANOX-B911	Antioxidant JYANOX-B921	Antioxidant JYANOX-B9225	Antioxidant JYANOX-B9215

JIYI CHEM · 极易



工厂实景



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