



Vanderbilt Chemicals, LLC

A Wholly Owned Subsidiary of R.T. Vanderbilt Holding Company, Inc.

PLASTICS PRODUCT REFERENCE GUIDE



MORE TOOLS FOR
YOUR TOOL BOX



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est. 1916

Plastics Product Listing - Reference Guide

Product

Chemical Name/Description

ANTIOXIDANTS

AMINES

AGERITE® STALITE®	Mixture of octylated diphenylamines
AGERITE STALITE® S	Mixture of octylated diphenylamines
VANOX® CDPA	4,4'-Bis (a,a-dimethylbenzyl)diphenylamine
VANOX® 1001	Alkylated diphenylamines for a wide variety of resin systems
VANOX® 1081	p,p'-dioctyldiphenylamine (for polyamide based hot melts and polyurethane polyols)
VANOX® 1887	Mixed alkylated diphenylamines (scorch inhibitor for flexible urethane foams)

HYDROQUINOLINE

AGERITE® MA Pastilles	Polymerized 1,2-dihydro-2,2,4-trimethylquinoline
AGERITE MA Powder	Polymerized 1,2-dihydro-2,2,4-trimethylquinoline
AGERITE RESIN D® Pastilles	Polymerized 1,2-dihydro-2,2,4-trimethylquinoline
AGERITE RESIN D® Powder	Polymerized 1,2-dihydro-2,2,4-trimethylquinoline

PHENOLS

SONGNOX® 1010	Tetrakis[methylene 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]methane
SONGNOX® 1024	1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoly) hydrazine
SONGNOX® 1035	Thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
SONGNOX® 1076	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
SONGNOX® 1098	N,N'-Hexamethylenebis (3,5-di-tert-butyl-4-hydroxyhydrocinnamamide)
SONGNOX® 1135	Iso-octyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
SONGNOX® 1290	2,2'-Ethylidenebis-(4,6-di-tert-butylphenol)
SONGNOX® 1330	1,3,5-Trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl) benzene
SONGNOX® 1520	4,6-Bis(octylthiomethyl)-o-cresol
SONGNOX® 2450	Triethylene glycol-bis-3-(3-tert-butyl-4-hydroxy-5-methylphenyl) propionate
SONGNOX® 3114	Tris-(3,5-di-tert-butylhydroxybenzyl) isocyanurate
VANOX® MBPC Powder	2,2-methylenebis(6-t-butyl-4-methylphenol)

PHOSPHITES

SONGNOX® 1680	Tris(2,4-di-tert-butylphenyl) phosphite
SONGNOX® 6260	Bis(2,4-di-tert-butyl phenyl)pentaerythritol diphosphite
SONGNOX® 6280	Mixture of Songnox 6260 and magnesium aluminum talcite
VANSTAY® SC (TIOP)	Triisooctyl phosphite chelating agent for plastics polymers and compounds

PHENOL- PHOSPHITE Blends

SONGNOX® 11B	A 1:1 blend of SONGNOX 1680 and SONGNOX 1010
SONGNOX® 21B	A blend of 66.7% SONGNOX 1680 and 33.3% SONGNOX 1010
SONGNOX® 311B	A 1:1 blend of SONGNOX 1680 and SONGNOX 3114
SONGNOX® 321B	A blend of 66.7% SONGNOX 1680 and 33.3% SONGNOX 3114
SONGNOX® 417B	A blend of 80.0% SONGNOX 1680 and 20.0% SONGNOX 1076

THIOESTERS

SONGNOX® DLTDP	Dilauryl thiodipropionate
SONGNOX® DSTDP	Distearyl thiodipropionate
SONGNOX® DTDTP	Ditridecyl thiodipropionate
SONGNOX® 4120	Pentaerythryl tetrakis(3-laurylthiopropionate)

SCORCH INHIBITORS

VANOX[®] 945	Scorch inhibitor developed for use in polyols used in flexible polyurethane foam
VANOX[®] 961	Mixed octylated and butylated diphenylamines
VANOX[®] 986	Patent-pending PTZ-free scorch inhibitor that improves color stability of slabstock PU foam
VANOX[®] 991	PTZ-free Scorch inhibitor for use in polyols for flexible polyurethane foam
VANOX[®] 1001	Alkylated diphenylamines for a wide variety of resin systems
VANOX[®] 1081	p,p-dioctyldiphenylamine for PA-based hot melts and PU polyols
VANOX[®] 1887	Mixed alkylated diphenylamines -scorch inhibitor for flexible urethane foams
VANOX[®] CB 30	Alkylated diphenylamine
SONGNOX[®] 1076	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
SONGNOX[®] 1135	Iso-octyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate

SPECIALTY ANTIOXIDANTS

VANOX[®] 898	Very effective FDA compliant processing stabilizer for mineral-filled polyolefins
VANOX[®] 981PP	Patented AO blend that increases color stability of filled and unfilled polypropylene
VANOX[®] 1030A	Very effective synergistic antioxidant blend for filled and unfilled polypropylene
SONGNOX[®] OPS 3021	Blend of Tetrakis[methylene-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate] methane and 1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine

MISCELLANEOUS

VANOX[®] MTI	2-mercaptotoluimidazole
VANOX[®] ZMTI	Zinc 2-mercaptotoluimidazole
ZIMATE[®], BUTYL	Zinc dibutyldithiocarbamate process stabilizer for polyolefins

HEAT STABILIZERS

SONGSTAB[®] SC-110	Calcium stearate for PVC rigid sheet and pipe, and flexible sheet applications
SONGSTAB[®] SZ-210	Zinc stearate for PVC film and Polyolefin stabilization
SONGSTAB[®] SM-310	Magnesium stearate for PVC and ABS applications
SONGSTAB[®] SB-410	Barium stearate for PVC applications
VANSTAY[®] SC (TIOP)	Triisooctyl phosphite chelating agent for plastics polymers and compounds

HINDERED AMINE LIGHT STABILIZERS (HALS)

SABO[®]STAB UV 62	Butanedioic acid, 1,4-dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol
SABO[®]STAB UV 65	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate
SABO[®]STAB UV 70	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate
SABO[®]STAB UV 78	50:50 mixture of SABO [®] STAB UV 62 and SABO [®] STAB UV 94
SABO[®]STAB UV 91	Fatty acids, C12-21 and C18-unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters
SABO[®]STAB UV 91 50PP	50% active concentrate of fatty acids, C12-21 and C18-unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters in a polypropylene carrier
SABO[®]STAB UV 94	1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine
SABO[®]STAB UV 119	1,3,5-Triazine-2,4,6-triamine, N2,N2''-1,2-ethanediybis[N2-[3-[[4,6-bis[butyl(1,2,2,6,6-pentamethyl-4-piperidinyl)amino]-1,3,5-triazin-2-yl]amino]propyl]-N',N''-dibutyl-N',N''-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) (main component)

UV ABSORBERS

SABO[®]STAB UV 312	N-(2-Ethoxyphenyl)-N'-(2-ethylphenyl)oxamide
SABO[®]STAB UV 165	Specialty blend
SONGSORB[®] 1000	2-(2'-Hydroxy-5'-methylphenyl) benzotriazole
SONGSORB[®] 2340	2-[2-Hydroxy-3,5-di(1,1-dimethylbenzylphenyl)]2H-benzotriazole
SONGSORB[®] 2908	Hexadecyl-3,5-di-tert-butyl-4-hydroxybenzoate
SONGSORB[®] 3200	2-(2'-Hydroxy-3',5'-di-t-butylphenyl) benzotriazole
SONGSORB[®] 3260	2-(2'-hydroxy-3'-t-butyl-5'-methylphenyl)-5-chloro benzotriazole
SONGSORB[®] 3270	2-(2'-Hydroxy-3',5'-di-t-butylphenyl)-5-chlorobenzotriazole
SONGSORB[®] 3280	2-(2'-Hydroxy-3',5'-di-t-amylphenyl)benzotriazole
SONGSORB[®] 3290	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol
SONGSORB[®] 7120	2,4-Di-tert-butylphenyl-4'-hydroxy-3',5'-di-tert-butyl benzoate
SONGSORB[®] 8100	2-Hydroxy-4-n-octoxybenzophenone

MINERALS

CLAY

BILT-PLATES® 156	Hydrated aluminum silicate, hard clay, Kaolin. Median Particle Size μm , 0.2
DIXIE CLAY®	Hydrated aluminum silicate, hard clay, Kaolin. Median Particle Size μm , 0.2
PAR® CLAY	Hydrated aluminum silicate, hard clay, Kaolin. Median Particle Size μm , 0.2
LANGFORD™ CLAY	Hydrated aluminum silicate, soft clay, Kaolin. Median Particle Size μm , 1.3
McNAMEE® CLAY	Hydrated aluminum silicate, soft clay, Kaolin. Median Particle Size μm , 1.2

PYROPHYLLITE

PYRAX® B	Hydrated aluminum silicate, Pyrophyllite. Median Particle Size μm , 10.0
PYRAX® WA	Hydrated aluminum silicate, Pyrophyllite. Median Particle Size μm , 14.07
PYRAX® ABB	Hydrated aluminum silicate, Pyrophyllite. Median Particle Size μm , 11.0

WOLLASTONITE

VANSIL® W-30	Calcium metasilicate. Median Particle Size μm , 4.5
VANSIL® W-40	Calcium metasilicate. Median Particle Size μm , 5.6
VANSIL® W-50	Calcium metasilicate. Median Particle Size μm , 2.8
VANSIL® WG	Calcium metasilicate. Median Particle Size μm , 28.0
VANSIL® HR325	Calcium metasilicate. Median Particle Size μm , 2.5
VANSIL® HR1500	Calcium metasilicate. Median Particle Size μm , 9.0
VANSIL® HR-2000	Calcium metasilicate. Median Particle Size μm , 15.0

POLYMER MODIFIERS

Vistamaxx® Propylene-based Elastomers	For use in compounding and polymer modification
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ORGANIC PEROXIDES

VAROX® BP-75-W	Dibenzoyl peroxide, 75% active
VAROX® DCP	Dicumyl peroxide, pure
VAROX® DBPH	2,5-dimethyl-2,5-d(t-butylperoxy) hexane, pure
VAROX® DBPH-50	2,5-dimethyl-2,5-d(t-butylperoxy) hexane, 50% on calcium carbonate
VAROX® DBPH-50 EZD	2,5-dimethyl-2,5-d(t-butylperoxy) hexane, 50% on silica
VAROX® DBPH-P20	2,5-dimethyl-2,5-d(t-butylperoxy) hexane, 20% on polypropylene

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