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RUBBER CHEMICALS
-ANTIOXIDANTS-
NON-STAINING

ANTIOXIDANT 1076
Stearyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate

DESCRIPTION:

Antioxidant 1076 is a non-staining, high molecular weight, hindered phenolic antioxidant. Because of its low volatility, Antioxidant 1076 imparts excellent heat stability and color retention, with good compatibility and low extractability.

TYPICAL PROPERTIES:

Appearance	white powder
Melt Point	49°C - 54°C
Ash Content	0.1% max.
Volatile Matter	0.5% max.
Color of Toluene Soln.(APHA)	25 max.
Color of Fusion(APHA)	60 max.
Solubility at 20°C	Acetone(26%), Benzene(57%) Chloroform(57%), Ethyl Acetate(42%) Hexane (31%), Methyl Alcohol (0.6%) Water (0.01%)

APPLICATION:

Antioxidant 1076 finds application in plastics, rubber, latex, varnishes, adhesives, TPR's and Hot Melts. In plastics, antioxidant 1076 provides excellent antioxidant performance in Polyethylene, Polystyrene, Polyacetal, PVC, AS resin, Methacrylic resin, Polycarbonate, Polyester, and Polymethyl-pentene as well as many others. In rubbers, Antioxidant 1076 can be used in SBR, EPR, EPDM, Polybutadiene, Neoprene, Nitrile, Polyisoprene, and many other synthetic rubbers. Typical dosage is 0.02% - 0.5% by weight.

PACKAGING:

20 kg (44.1 lbs.) paper bag with PE liner

MU080398
 T-1076.DOC

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