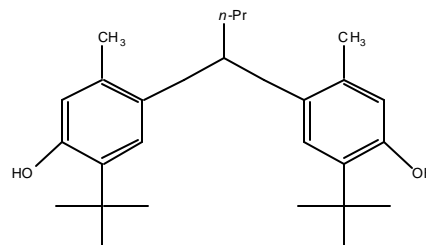


RUBBER CHEMICALS
-ANTIOXIDANTS-
NON-STAINING

ANTIOXIDANT 383-SWP



DESCRIPTION:

Antioxidant 383-SWP is a non-discoloring, non-staining sterically hindered bisphenol antioxidant [chemically, 4,4'-Butylidenebis (6-tert-butyl-m-cresol)]. It provides good heat resistance and very low discoloration in white and light-colored elastomer compounds including latex and adhesives. Antioxidant 383-SWP is also used as a stabilizer in thermoplastics like ABS and polyolefins. CAS No. : 85-60-9.

TYPICAL PROPERTIES:

Appearance	Fine white powder
Odor	Practically none
Melting Point.....	209°C, minimum
Solubility.....	Methanol, ethanol, toluene; insoluble in water
Storage Stability	Excellent when stored under dry and cool conditions in unopened packages
Specific Gravity.....	1.03

RECOMMENDATIONS:

The low volatility and excellent color of Antioxidant 383-SWP make it useful in a wide variety of polymers and applications. In combination with a synergist like Antioxidant 60, outstanding heat resistance can be had in a non-black compound. Antx 383-SWP helps reduce the UV-caused crazing of non-black rubber articles. It also has clearance under FDA regulation 177.2600. Normal dosages range from 0.50 to 2.0 parts on the rubber hydrocarbon and have no deleterious affect on the rate of cure or physical properties. For reference, Antioxidant 383-SWP will have better discoloration resistance but slightly less heat resistance than Akrochem Antioxidant 358-SWC. In plastics, Antioxidant 383-SWP has excellent resistance to volatility and good compatibility with most plastics. Antioxidant 383-SWP gives good protection when used in concentrations from 0.25% to 0.50%.

sb00 T-AO 383-SWP

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