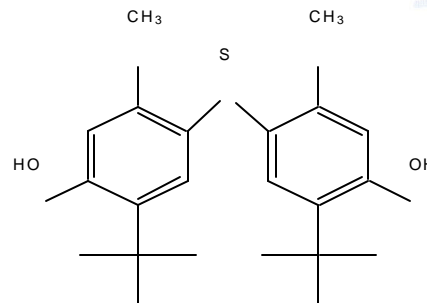


**RUBBER CHEMICALS**  
**-ANTIOXIDANTS-**  
**NON-STAINING**



**ANTIOXIDANT 358-SWC**

**DESCRIPTION:**

Antioxidant 358-SWC is a premium non-discoloring, non-staining sterically hindered bisphenol antioxidant [chemically, 4,4'-Thiobis(6-tert-butyl-m-cresol)]. It provides excellent heat resistance and low discoloration in white and light-colored elastomer compounds including latex and adhesives. Antioxidant 358-SWC is also used as a stabilizer in thermoplastics like ABS and polyolefins.

CAS No. : 96-69-5.

**TYPICAL PROPERTIES:**

Appearance .....	Fine white powder
Odor .....	Practically none
Melting Point.....	161°C, typical
Solubility.....	Methanol, ethanol, toluene; nsoluble in water
Storage Stability .....	Excellent when stored under dry and cool conditions in unopened packages
Specific Gravity.....	1.10

**RECOMMENDATIONS:**

The very low volatility and good color of Antioxidant 358-SWC make it useful in a wide variety of polymers and applications. In combination with a synergist like Antioxidant 58, outstanding heat resistance can be had in a non-black compound. Antioxidant 358-SWC helps reduce degradation due to heavy metals. 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 358-SWC has better heat resistance but is slightly more discoloring when compared to Akrochem Antioxidant 383-SWP. In plastics, Antioxidant 358-SWC has excellent resistance to volatility and good compatibility with most plastics. Antioxidant 358-SWC gives good protection when used in concentrations from 0.25% to 0.50%.

sb00 T-AO 358-SWC

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