

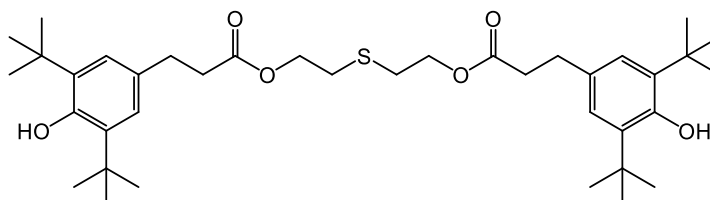
Technical Data Sheet

Antioxidant 1035 (AO)

Chemical Name: 3,5-Bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid thiodi-2,1-ethanediyl ester

CAS NO.: 41484-35-9

Structure:



Features

Antioxidant 1035 is a sulfur containing primary (phenolic) antioxidant and heat stabilizer, provides efficient processing stabilization and long-term thermal stability with excellent system compatibility, low color and low volatile.

Applications

The product is suitable for polyolefins, linear polyesters, PVC, polyamides, polyurethanes, elastomers, adhesives, most widely used for carbon black containing polymers such as PE and XLPE wire and cable resins, LDPE wire and cable, PVA, polypropylene, elastomer high impact polystyrene. It can be used with auxiliary antioxidant to exert synergistic effect, and the antioxidant performance is better.

Typical properties

Appearance	White powder
Purity	≥98.0%
Melting point	63-84°C
Light transmittance	≥95.0% (425nm) ≥97.0% (500nm)
Loss on drying	≤0.5%
Ash	≤0.1%

Package & Storage

Package: 25kg carton inner with plastic bag or as customer's requirement.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.
 All safety information is provided in the Safety Data Sheet.