

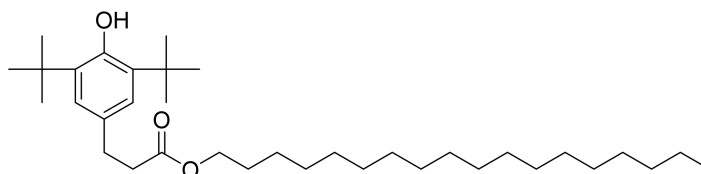
Technical Data Sheet

Antioxidant 1076 (AO)

Chemical Name: Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate

CAS NO.: 2082-79-3

Structure:



Features

Antioxidant 1076 is a hindered phenolic antioxidant, which has light stability, non-discoloration, non-pollution, non-staining, low volatility, water extraction resistance, good compatibility and high antioxidant efficiency. It provides long-term protection in the process of polymer processing, storage and use of final products.

Applications

The product is widely used in PP, PE, POE, ABS, PS, PVC, engineering plastics, synthetic fibers, elastomers, adhesives, wax, synthetic rubber and petroleum products. It is suitable to be added in the aggregation, production or use. It is often used with auxiliary antioxidant such as 168, and the antioxidant performance is better.

Typical properties

Appearance	White powder or granules	
Purity	≥98.5%	
Light transmittance	≥98.0% (425nm)	≥99.0% (500nm)
Melting range	50-55°C	
Clarity of solution	Clear	
Loss on drying	≤0.2%	
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.