

Technical Data Sheet

Antioxidant 1076

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

CAS No.: 2082-79-3; 134701-20-5

Molecular Formula: C₃₅H₆₂O₃

Structural Formula:



Properties: Soluble in benzene, acetone, hexane, etc, sparingly soluble in methanol, insoluble in water.

Specification:

Item	Specification
Appearance	White crystal powder
Melting point, °C	50.0-55.0
Ash, %	≤0.1%
Volatilizing, %	≤0.2%
Clarity of solution	Clear solution
Light Transmittance, %	≥97.0% (425nm) ≥98.0% (500nm)
Purity, %	≥98.0%

Applications: Widely used in PP, PE, POE, ABS, PS, PVC, engineering plastics, synthetic fibers, elastomers, adhesives, wax, synthetic rubber and petroleum products. Can retard heated degradation and oxidative degradation of polymeric substances during processing and in end applications. The dosage may be 0.1%~0.5%.

Package: Paper-plastic composite bags or cardboard boxes or cardboard pails with PE inner liners, net weight 25kg, or according to customers' requirements.

Storage: Store in the dry and cool place with good ventilation, avoiding exposure of direct sunlight. Transport as non-hazardous goods, HS Code: 2918290000 or 3812399000.