

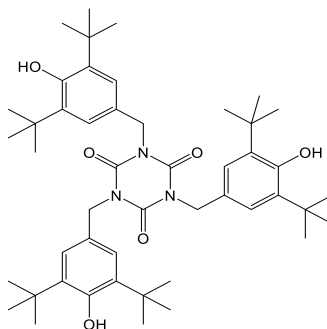
Technical Data Sheet

Antioxidant 3114 (AO)

Chemical Name: Tris(3,5-di-tert-butyl-4-hydroxybenzyl) isocyanurate

CAS NO.: 27676-62-6

Structure:



Features

Antioxidant 3114 is a kind of hindered phenolic antioxidant with photo and thermo-stability. It provides low volatility and resistance to extraction from polymer compounds.

Applications

The product is especially suitable for PP, PE, polystyrene, ABS, PVC, nylon and polyurethane, especially effective for polyolefin. It is also used as a radical scavenger providing stabilization for polyolefins. When used with UV absorbent and phosphite ester, a synergistic effect can be reached, thus enhancing the thermo-stability and light stability.

Typical properties

Appearance	White powder	
Purity	≥98%	
Light transmittance	≥95% (425nm)	≥97% (500nm)
Solubility	Clear	
Melting point	218-222.5°C	
Loss on drying	≤0.3%	
Ash	≤0.05%	

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.