



Dalian Richfortune Chemicals Co., Ltd.

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Product Name: Antioxidant 3114

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

CAS No: 27676-62-6

Molecular formula: C₄₈H₆₉N₃O₆

Molecular Weight: 784.08

Package: 20kg/cardboard drum with plastic lining

Specification

Item	Index
Appearance	White powder
Melting point ()	218-224
Assay %	98
Light Transmittance: 425nm% 500nm%	95
	97
Flash point ()	289

Properties: White powder, without pollution and coloring up, depending on high molecular weight and melting point, it has low volatility, low transferring and good water extraction resistance, while equips plastics with resistance to thermo-oxidation and light-oxidation. Soluble in acetone, benzene, chloroform, DMF, ethanol, methanol, slightly soluble in water.

Application: Mainly used as antioxidant of polypropylene, polyethylene, etc. It can be used in ABS resin, polyester, Nylon, PE, PS, PVC, PU, cellulose plastic and rubber . It can work with UV



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adsorbent or phosphite ester to improve the stability.

Storage Notes: Sealed stored in cold, dry, good ventilated place.