



Dalian Richfortune Chemicals Co., Ltd.

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Product Name: Antioxidant 445 (KY-405)

Chemical Name: Bis[4-(2-phenyl-2-propyl)phenyl]amine

CAS No: 10081-67-1

Molecular formula: C₃₀H₃₁N

Molecular Weight: 405.57

Package: 25kg/cardboard drum with plastic lining

Specification

Item	Index
Appearance	White powder
Melting point()	98-105
Loss on drying% ≤	0.3
Ash% ≤	0.3
Density (g/cm ³)	1.14
Thermal decomposition temperature()	280

Properties: White powder. Soluble in propanol, Chloroform, Trichloroethylene, Benzene,

Cyclohexane, slightly soluble in water, ethanol.

Application: For prevent synthetic rubber such as natural rubber and styrene butadiene, isoprene, neoprene, butyl from aging caused by heat, light and ozone. Also widely used in the plastics industry.

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



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