



Dalian Richfortune Chemicals Co., Ltd.

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Product Name: Antioxidant 1024

Chemical Name: N,N'-Bis (3,5-di-butyl-4-hydroxyle-phenyl propionyl)hydrazine

CAS No: 32687-78-8

Molecular formula: C₃₄H₅₂N₂O₄

Molecular Weight: 552

Package: 20kg/cardboard drum with plastic lining

Specification

Item	Index
Appearance	White or off-white powder
Melting point ()	224-229
Volatile matter %	0.5
Assay %	99
Light Transmittance: 425nm%	96
	500nm%
Ash %	0.1

Properties: White or off-white powder, non-toxic, no stimulation, Soluble in methanol, acetone, solubility in water is less than 1%.

Application: This product possesses the double structures of hindered phenol and acyl , and afunction of anti-oxidation and metal deactivation. This product is a kind of metal deactivator, can be used either independently or together with antioxidant. It is applicable to polyethylene,



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polypropylene, polystyrene, polyamide, polyester, and especially to the antioxidant used in phenolic resin. It is effectively preventing the polymeric substance from self-oxidation caused by transition metal ion (the remains of the catalyst). More efficient if it is added to the polymeric substance used in insulated electric wire and cable. The perfect melting nature makes it easily to mix with and into the substance mentioned above and other polymeric substance system without any dispersing problem. The general dosage is of 0.1-0.5 share.

Storage Notes: Sealed stored in cold, dry, good ventilated place, avoid high temperature and moist.