



Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,
DaLian, Liaoning 116023, China

Tel: +86-411-84820922/84821539

Fax: +86-411-84821380

Website: www.richfortunechem.com

Product Name: Antioxidant 168

Chemical Name: Tris-(2,4-di-t-butylphenyl)- phosphite

CAS No: 31570-04-4

Molecular formula: C₄₂H₆₃O₃P

Molecular Weight: 646

Package: 20kg/cardboard drum with plastic lining

Specification

Item	Index
Appearance	White or off-white powder
Melting point()	183-187
Assay %	99
Acid value (mg KOH/g) %	0.3
Hydrolyze time (h)	14
Light Transmittance: 425nm%	98
500nm%	98

Properties: This product is soluble in resin and has the characteristic of low volatile, high heat resisting, pump resisting, implosion and non-discoloration.

Application: The product is a kind of high-effective solid phosphite ester antioxidant, which is superior to other phosphite ester in the effective protection of polymers' color. It is often blended with phenolic principal antioxidant (such as 1010) to prepare composite antioxidant which



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improves the thermo-stability of polymer processing, thus making it widely applied in PE, PP, PS, PA, PC, ABS and many other polymer materials.

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