

Antioxidant 168

Product Name: Antioxidant 168

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

CAS NO. 31570-04-4

Formula: C₄₂H₆₃O₃P

Features and Application Area:

Low volatile organic synthesis of antioxygen. Widely used in polypropylene, Polyethylene, ABS, polycarbonate fiber and polyester resin and other plastics synthesis and processing. It has excellent synergistic effect with main antioxidant 1010 and 1076.

Main used for Functional Films, Mulch Films, Drip Irrigation Belts, Bug Screens, Woven Bags, Container Bags, Waterproof Clothes, Geomembranes, Sunshade Nets, Artificial Turf, Wood-Plastic Composite, Synthetic Rattan, Rotational Moldings, Plastic Track, Elastomers, Non-woven Fabrics, Spinning Nylon, New Energy, Wires and cables, PVC Materials.

Material: PE,PP,PA,ABS,PC,PET, etc.

Specifications:

Appearance: White crystalline powder

Melting Point: 181-184°C

Volatile Matter: ≤0.5%

Weight Loss Point: 307°C (5.0%)

Light Transmittance: 425nm: ≥96.0%;500nm: ≥98.0%

Ash Content: ≤0.1%

Solubility: Soluble in chloroform, toluene

Pack & Storage: 25kg/carton or as customer's requirement. 500kgs/pallet.

Quantity: 10mts/20'fcl with pallet or 12mts/20'fcl without pallet.

Cautions: Avoid direct sunlight, moisture, high temperature, substances with sulfur or halogen such as some stabilizers, flame retardants and pesticides. Testing required before use.