

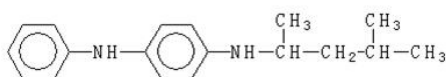


Name: Rubber Antioxidant 6PPD

Chemical Name: N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine

Molecular Formula: C₁₈H₂₄N₂

Structural Formula:



Molecular Weight: 268.40

CAS NO.: 793-24-8

Technical Specification: GB/T21841-2008

Item	Qualified grade
Appearance(Visual Inspection)	Dark purple granular
Assay(GC) %≥	96.0
Solidifying point °C≥	45.0
Loss on drying % ≤	0.50
Ash content % ≤	0.10

Properties: Dark purple granular, and will slowly caking when the temperature exceeds 35-40°C.

Soluble in gasoline, benzene, acetone, ethyl acetate, dichloroethane, carbon tetrachloride, methylbenzene, ethylalcohol and other organic solvents, insoluble in water.

Application: As a kind of ursol rubber antioxidant, 6PPD has better compatibility with rubbers, seldom blooming, low volatility, low toxicity, with excellent antioxidant, anti-ozone, anti-flex cracks, anti-insolation cracks, strong inhibition on copper or manganese and other toxic metals, applicable to all types of synthetic rubber and natural rubber. With good dispensability in sizing material and little effect on vulcanization, It can soften sizing material, so can be used for tires and other kinds of rubber products, also can be used as heat oxygen stabilizer for polyethylene, polypropylene and acrylic resin.

Package : 25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

