

Rubber Antioxidant 6PPD

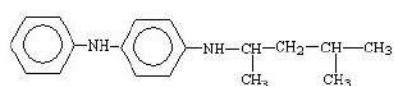
Chemical Name N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine

Molecular Formula C₁₈H₂₄N₂

Molecular Weight 268.40

CAS No. 793-24-8

Structural Type



Specification

Assay Content%Min	97.0
Appearance(Visual Inspection)	Dark purple granule or flakes
Initial M.P./C Min	45.0
Loss On Drying% Max	0.30
Ash Content% Max	0.10
Solidifying Point	46.0

Properties:

Dark purple granule or flakes. Relative density 0.986-1.00, melting point 45-50°C, Soluble in benzene, acetone, Ethyl Acetate, dichloroethane and toluene, insoluble water. Good Stabilization storage ability. It will be Agglomeration under the over 45°C temperature, a little venomousness.

Applications

It be in application of all kinds of rubber, including the use in pneumatic tire components, solid tires, belt, hose, cables, automotive mounts and general mechanical products. It has powerful antiozonant and antioxidant properties with excellent high temperature, fatigue and flex resistance to rubber polymers. And enhance polymer resistance ability. Will discolor compounds and cause severe contact and migration staining. Efficient Stabilization for wide range of solution and emulsion polymers.

Package

25Kg paper-plastic film bag, Kraft paper bag and or jumbo bag.