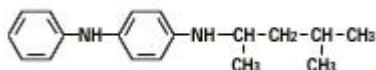


## Rubber Antioxidant 4020(6PPD)

**Chemical Name** N(1,3-dimethyl-butyl)-N'-phenyl-P-phenylenediamine

**Molecular Structure**



**Molecular Formula** C<sub>18</sub>H<sub>24</sub>N<sub>2</sub>

**Molecular Weight** 268

**CAS No.** 793-24-8

**Specifications** GB/T 21841-2008

Item	Specifications
Appearance	Black brown lumpish or granular solid
Assay (%)Min	96
Initial Melting Point (°C)Min	45
Freezing Point (°C)Min.	46
Heat Loss (%)Max.	0.5
Ash (%)Max.	0.3

**Properties** Density :0.98g/cm<sup>3</sup> ,soluble in gasoline, benzene, acetone and etc. Insoluble in water.

**Applications** It is an antioxidant used for rubber products with high efficiency, low poison and low solvent-extraction amount. Also used as stablizer in synthetic rubber. It's main used in tire, rubber shoes, belt, hoses automotive mounts so on. 6PPD is regulated for use in articles in contact with food as specified under FDA 21 CFR 177.2600 and under BGVV XXI, Categories 3-4.

**Storage** Store closed containers in a cool, dry, well-ventilated area. Avoid exposure to direct sunlight.

**Packing** 25kg net paper bags lined with polyethylene film bags.