

Rubber Antioxidant IPPD

Chemical Name	N-Isopropyl-N'-phenyl-p-phenylene diamine
Molecular Formula	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub>
Molecular Weight	226.31
CAS No.	101-72-4
Structural Type	

Specification		
Assay Content% Min		95.0
Appearance(Visual Inspection)	Dark brown to violet granule	
Initial M.P.,°C Min		70.0
Loss On Drying% Max (65-70°C)		0.30
Ash Content% Max		0.20

**Properties:**  
Dark brown to violet pellet. Relative density 1.140, melting point 70-80.5°C, Soluble in oil, benzene, acetone, CCL4, CS2 and ethanol, difficult soluble in gasoline, insoluble water. Good stabilization storage ability, 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.