

**Technical Data Sheet****Rubber Antioxidant IPPD (4010NA)**

04/07/2015

**Chemical Name:** N-isopropyl-N'-phenyl-p-phenylenediamine  
**Other Name:** 4010NA  
**Molecular Formula:** C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>  
**CAS NO.:** 101-72-4

**Technical Specification:**

Item	Technical Specifications
Appearance	Dark brown to purple brown granules
Assay % $\geq$	96.0
Melting point °C $\geq$	70.0
Heating Loss % $\leq$	0.30
Ash content % $\leq$	0.20

**Properties:**

It is soluble in oils, benzene, ethyl acetate, carbon tetrachloride, dichloromethane etc., but insoluble in water, gasoline etc.  
It is combustible in fire and high temperature. It will become an explosive mixture if the powder exposure to air.  
It must be stored in a cool, ventilated warehouse and away from fire and heat sources.  
It is prohibited that storing together with oxidants.

**Application:**

IPPD is used in plastics, resins and rubber production.

**Package:**

Net weight: 25Kg/bag, packed In paper bag lined with plastic bag.

**Storage:**

It should be stored at room temperature.

**Precaution:**

Please refer to the appropriate material safety data sheet (MSDS) prior to Using this product.  
FOR INDUSTRIAL USE ONLY.

**Disclaimer:**

All information on this data sheet is based on laboratory testing and is not Intended for design purposes.