

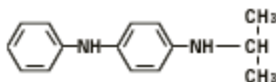
**Chemical Name:** N-isopropyl-N'-phenyl-p-phenylene

**Synonyms:** Rubber Antioxidant 4010NA(IPPDA); 4-Isopropylaminodiphenylalanine;  
N-Phenyl-N-Isopropyl-Para-Phenylenediamine;

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

**CAS No:** 101-72-4

**Structure formula :**



**1 Specification:**

**Assay(GC):** 95% Min;

**Appearance:** Dark brown to dark violet pastilles ;

**Melting point:** 70°C Min;

**Weight Loss on Heating:** 0.3% Max;

**Ash:** 0.2% Max

**2 Usage**

2.1 Mainly used in rubber industry such as natural rubber SBR, BR, IIR, CR, EPM, EPDM, NBR.

2.2 It can be with promoter NS, M, DM, CBS to improve sizing material performance ;

2.3 Mainly used in cable and tire and shoes and ship rubber and conveyor belts.

**3 Properties**

3.1 It can be Possible risks of irreversible effects ;

3.2 May cause sensitization by skin contact ;

3.3 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4 Packing:**

4.1 25Kg plastic bags on Pallets;

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