



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AN026-00 GT	Chemical Name:	N-Isopropyl-N'-phenyl-p-phenylenediamine
Trade Name:	Antioxidant 4010NA(IPPD)	CAS No.:	101-72-4
Molecular Formula:	C ₁₅ H ₁₈ N ₂	Molecular Weight:	226.31
Revision number	02	Date	01/12/2009

Product Information:

*****Specification**

Appearance (visual inspection):	Dark brown to violet granule	Assay Content % Min	95.0
Initial M.P. Min:	70.0	Loss on drying % :	0.5
Ash content % :	0.20	Density at 20 (g/cm ³)	1.180-1.190

*****Typical Properties**

It provides powerful antiozonant and antioxidant properties with excellent high temperature fatigue and flex resistance to rubber compounds; While used primary for ozone resistance, IPPD is more active antioxidant than quinoline or diphenylamine base antioxidants.

*****Recommended Applications**

It applications include the use in pneumatic tire components, solid tires, belts, hoses, cable, automotive mounts, bushing and general mechanical products that are exposed to continuous and intermittent dynamic operating conditions and require protection from ozonation.

*****Handling and Storage recommendations**

Store IPPD pastilles in single stacked pallets in a cool, dry (the temperature must be below 35), well-ventilated area, avoiding exposure of the packaged product to direct sunlight. 6 months with the common storing condition. Recommend use of date is within 5 months.

*****Package**

Bag: 25kg/bag	Pallet(1.1*1.1) : 600kg/P
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