



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AN027-00 GT	Chemical Name:	N- (1,3-dimethylbutyl)-N'-phenyl-p-phenylene diamine
Trade Name:	Antioxidant 4020 (6PPD)	CAS No.:	793-24-8
Molecular Formula:	C <sub>18</sub> H <sub>24</sub> N <sub>2</sub>	Molecular Weight:	268.40
Revision number	02	Date	01/12/2009

Product Information:

**\*\*\*Specification**

Appearance (visual inspection):	Dark violet granule	Assay Content %Min	95.0
Final M.P.	46-51	Loss on drying % :	0.50
Ash content % :	0.30	Specific gravity at 60 (g/m <sup>3</sup> )	0.986-1.000

**\*\*\*Typical Properties**

It is dark violet granule, and the relative density is 0.986-1.0(60 ), it can Provide powerful antiozonant and antioxidant properties with excellent high temperature fatigue and flex resistance to rubber compounds

**\*\*\*Recommended Applications**

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 6PPD pastilles in single stacked pallets in a cool(the temperture must be below 35 ), dry, 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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