



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD -AC020-00 OT	Chemical Name:	Diphenyl guanidine
Trade Name:	Rubber Accelerator DPG (D)	CAS No.:	102-06-7
Molecular Formula	C ₁₃ H ₁₃ N ₃	Molecular Weight:	211.27
Revision number	02	Date	01/12/2009

Product Information:

*****Specification**

Appearance (visual inspection):	White or grey white powder	Assay Content %Min	96
Initial M.P. Min:	144	Loss on drying %	0.30
Ash Content %	0.40	Residues (63µm) %:	0.50
Residues (150µm) %	0.10	Density at 20 (g/cm ³)	1.180
Oil Content%	1.0-2.0		

*****Typical Properties**

Grayish-white to white powder. No taste, no Poisson. The density is 1.08-1.19. Soluble in Acetone, ethyl acetate, alcohol, lightly soluble in CCl₄, insoluble in water and gasoline.

*****Recommended Applications**

Used as a secondary accelerator with thiazoles and sulphenamides in NR and SBR compounds. Exhibits better storage stability compared to thiuram and dithiocarbamates but is not so active. DPG can be used in latex as secondary gelling agent (foam stabilizer) in the silica-fluorides foam process.

*****Handling and Storage recommendations**

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.
Usually the shelf time is 12 months while the recommend use of date is 6 months.

*****Package**

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