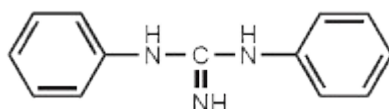


Technical Data Sheet

Product Name:	Rubber accelerator DPG
Chemical Identification:	Dephenyl Guanidine
Molecular Formula:	C ₁₃ H ₁₃ N ₃
Molecular Weight:	238
CAS#:	102-06-7

Molecular Structure:



Specifications:

	Name of Item	Specification	Testing Method
1	Appearance	Pain white granular	-----
2	Initial Melting Point (DEG)	142°Cmin	ASTM D1519
3	Moisture (%)	0.3%max	ASTM D4571
4	Ashes content(%) by 750°C	0.3%max	ASTM D4574
5	Hardness of granular	2N~4N	ASTM D3313
6	Sieve on residue 100mesh(%)	0.5%max	Only for powder form

Properties:

White or grey-white Power, bitterness, relative density is 1.12 ~ 1.20g/cm³, soluble in alcohol, acetone and benzene, a little soluble in carbon tetrachloride. It is stable in open air.

Application:

It acts as middle-speed accelerator, suitable for natural and synthetic rubber, and also can be used as activator for kinds of thiazole, thiuram and sulfenamide. It acts as plasticizer and plastic-divider on chloroprene rubber, especially suitable for rubber products such as tire, rubber shoes, and so on. DPG is regulated for use in articles in contact with food as specified under FDA 21 CFR177.2600 and under BgVV XXI, Categories 3-4.

Storage:

Store closed containers in a cool, dry, well-ventilated area. Avoid exposure to direct sunlight..

Packing:

In 25kg paper bags with plastic inner. Or 500kgs big Bag as customer requirement