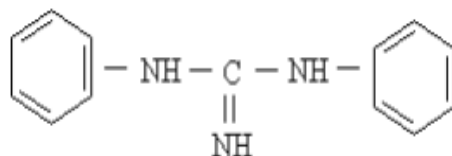


Chemical Name: Diphenyl guanidine

Molecular Formula: C₁₃H₁₃N₃

structure:



Molecular Weight: 211.27

CAS NO: 102-06-7

Product Standard: HG/T2342-2010

Specification:

Item	Unit	Specification
Appearance	----	White powder
Initial M.P. (Min)	℃	144.0
Loss on drying (Max)	%	0.30
Ash (Max)	%	0.30
Residues on 150µm sieve (Max)	%	0.10
content (Min)	%	97.0

Properties:

No odor or poison. Specific gravity:1.13--1.23. Soluble in chloroform, toluene benzene and ethanol; Insoluble in gasoline and water. Not hygroscopic.

Application:

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. Accelerator DPG can be used in latex as secondary gelling agent (foam stabilizer) in the silico-flouride foam process.

Packaging: 25kg bag/carton.

Storage:

Keep container tightly closed in a cool, well-ventilated place. The recommended maximum storage life is 2 years when stored under normal conditions.