

PRODUCT DATA SHEET

Accicure DPG : Medium speed Accelerator

Composition : Diphenyl guanidine

Physical Properties

Appearance : Off-white powder.
Sp Gr at 25°C : 1.19 (Typical)

Typical Analysis

Parameter		Limits	Test method
Melting Point	(°C)	144 min	ASTM D 1519
Loss at 60°C for 2 hours	(%)	0.5 max	D 4571
Ash Content	(%)	0.5 max	D 4574

Solubility

Insoluble in water. Soluble in alcohol & chloroform.

Notes on Uses

Accicure DPG is used (normally in the range 0.5±0.3 phr dosages) as a secondary accelerator in combination with thiazoles and sulphenamides. Such combinations give fast cures and a high level of physicals with good modulus and are very popular for footwear & cables, etc. As a replacement of ETU, it is a preferred accelerator for Neoprenes used in conjunction with Accicure TMT or Accicure MS (TMTMS) where usage of both normally stay around 1 phr. It is also a popular accelerator (2.5-3 phr) for ebonites. Accicure DPG is used in NR latex as a secondary gelling agent ("foam stabilizer") in the silico-fluoride-gelled latex foam process.

Storage and Handling

Stable indefinitely under normal storage conditions.

No special handling precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. For eyes, flush with plenty of water and seek medical advice.

Packaging

20 Kg. in HDPE lined Paper Bags.

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