

Technical Data Sheet

QUREACC®DPG



Composition	Diphenyl Guanidine
CAS No.	102-06-7
EC No.	203-002-1
Molecular Formula	C ₁₃ H ₁₃ N ₃
Molecular Weight	211

Property	Unit	Typical Value	Test Method
Appearance	-	White to Light Pinkish Powder Low Dust	Visual
Assay (HPLC)	%	98.0 min.	ASTM D 5054
Melting point	°C	145 min.	ASTM D 1519
Ash content	%	0.3 max.	ASTM D 4574
Loss on drying (105°C)	%	0.5 max.	ASTM D 4571

Application:

QUREACC®DPG gives very long scorch time and relatively slow full cure. It cause slight discoloration and cannot be used in light coloured articles, except as an activator. When it is used on its own, the resistance of the vulcanization to hot air and oxygen is poor. Accelerators of the mercapto types are strongly activated by this product. It is used in moulding large NR based technical goods where slow cure is required.

Packing:

Available in 25 Kgs paper bags.

Storage stability:

Store in a cool and dry place. Stable for up to 24 months from the date of manufacturing when stored in the original packing material in a cool and dry environment.

Safety:

Please refer safety data sheet.

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