

Technical Data Sheet

QURECIT DBD



Composition	Dibenzamido diphenyl disulphide
CAS No.	135-57-9
EC No.	205-201-9
Molecular Formula	C ₂₆ H ₂₀ N ₂ O ₂ S ₂
Molecular Weight	457

Property	Unit	Typical Value	Test Method
Appearance	-	Grey powder	Visual
Active ingredient content	%	40.0 ± 2.0	QCD/TM/228
Nitrogen content	%	2.3 – 2.9	QCD/TM/233
Sulfur content	%	5.0 – 6.5	ASTM D 4951
Ash Content	%	42.0 – 51.0	ASTM D 4574
Loss on heating @105°C	%	2.0 max.	ASTM D 4571
Wet Sieve Residue on 0.125 mm sieve	%	2.0 max.	ASTM D 4572

Application:

QURECIT DBD is a non-toxic, non-polluting, non-blooming peptizer used for reducing the viscosity of NR and other diene rubbers by chemical scission. DBD works very well at elevated temperatures of 120°C and above in internal mixer and about 80°C in 2-roll mills, reducing the viscosity of rubber. DBD does not affect physical and ageing properties of rubbers. It is an environmentally friendly organic chemical peptizer for NR, SBR and other Diene rubbers.

Usage Levels: Typically 0.3 phr for NR and 1.0 phr for SBR, NBR, etc.

Packing:

Available in 25 Kg. Paper Bag

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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Although every care has been taken in the completion of the above information & recommendation they are offered in good faith without guarantee.