



Technical Data Sheet

QUREACC®ZMBT

Composition	Zinc-2-mercaptobenzothiazole
CAS No.	155-04-4
EC No.	205-840-3
Molecular Formula	C ₁₄ H ₈ N ₂ S ₄ Zn
Molecular Weight	398

Property	Unit	Typical Value	Test Method
Appearance	-	Light yellow powder	Visual
Melting point	°C	200.0 min.	ASTM D 1519
Loss on drying (@105°C)	%	0.5 max.	QCD/TM/24
Zinc content	%	17.5 – 20.5	ASTM D 4004
Free MBT content	%	2.5 max.	QCD/TM/176
Sieve residue (0.063 mm)	%	0.5 max.	ASTM D 5461

Application:

QUREACC®ZMBT is a semi-ultrafast accelerator widely used in NR/SBR latex compounds along with Qureacc ZDC/ZDBC. It improves state of cure in NR based compounds even at 120°C and also improves ageing properties. It can be dispersed easily in water using common dispersing agents. It can also be used in dry rubber compounds as semi ultra accelerator.

QUREACC®ZMBT in combination with Qureacc ZDC at 1 phr levels is widely used in NR/SBR latex compounds for the manufacture of latex threads, foams and dipped goods.

Packing:

Available in 20 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.

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