

Technical Data Sheet

QUREACC®CMBT



Composition	Copper 2-mercaptobenzothiazolate
CAS No.	32510-27-3
EC No.	251-074-8
Molecular Formula	C ₇ H ₄ CuNS ₂
Molecular Weight	229

Property	Unit	Typical Value	Test Method
Appearance	-	Orange powder	Visual
Copper Content	%	14.0 – 17.5	ASTM D 4004
Heat Loss (60°C)	%	1.0 max.	ASTM D 4571
Oil content	%	0.5 – 2.0	ASTM D 4573
Sieve residue, 63µ	%	0.25 max.	ASTM D 5461
Melting point	°C	88.0 – 105.0	ASTM D 1519
Specific Gravity	-	1.17	ASTM D 4052

Application:

QUREACC®CMBT is a fast-curing accelerator used in hose compounding & especially suited for EPDM. It vulcanizates have low compression set. It is also useful in polymer preparation of NR, SBR, NBR & IIR. Its cure performance can be boosted with thiuram, dithiocarbamate or guanidine accelerators. This accelerator gives flat moderately fast cure rate & its an intermediate speed accelerator compared to MBTS and is less scorchy. It also promotes a balance of mono-, di- and poly-sulfidic crosslinks resulting in vulcanizates with a good balance between heat aging resistance and tear resistance.

Packing:

Available in 25 Kgs. 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.