



QUREANTI[®]MB

2-Mercaptobenzimidazole

CAS No. : 583-39-1
Molecular Formula : C₇H₆N₂S
Molecular Weight : 150

SALES SPECIFICATIONS:

PARAMETER	UNIT	REQUIREMENT
Appearance	NA	White Amorphous Powder
Assay (HPLC)	%	99.0 Min.
Melting Point	°C	295.0 Min.
Moisture Content	%	0.50 Max.
Ash Content	%	0.50 Max.

APPLICATION

QUREANTI[®]MB is a very strong non-staining antioxidant for natural rubber and most Synthetic rubbers. It offers extremely good heat and flex protection at elevated temperatures and provides an excellent synergist effect in combination with OCD, TDQ type of antioxidant. For non black applications, combination of 1 phr MBI with 0.5 to 1 phr OCD is recommended. This combination is very effective for EPDM, NBR and Polychloroprene based products. For Black applications, where staining is acceptable, a combination of 1 phr MBI with 1 phr TDQ gives very high retention of physical properties particularly in SBR & EPDM. Products having present consumption of TDQ can be replaced with MBI by half the quantity of TDQ and still obtain higher retention of physical properties after ageing. This product is also found to be effective in natural rubber latex based products.

PACKING AND STORAGE

Available in 25 Kg. Bag
To be stored in a clean, cool & dry place.

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

YASHO INDUSTRIES LIMITED

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