



SHREEBOND-HM 100

TECHNICAL DATA SHEET

Product - Trade Name

SHREEBOND - HM100

Classification

Dry Bonding Agents – METHYLENE DONOR
Adhesion Promoter

Composition

Hexa Methoxy Methyl Melamine Melamine
Formaldehyde Resin
Methylated Melamine Formaldehyde Resin
Modified Melamine Formaldehyde Resin

Physical Properties

Form: Clear Liquid.
Sp. Gr. @ 25°C: 1.20 +/-0.05

Chemical Properties

Total Solids (%)	98 min
Moisture content (%)	2.0 max
Refractive Index Q 20°C	1.510 – 1.530
Free Formaldehyde (%)	0.2 maximum
Nitrogen content	21.5 – 24.0

Processing Behaviour

It is safe in processing both non--black & black reinforced compounds.

Recommended Dosage

SHREEBOND - HM100 : 2 – 3 Phr
Resorcinol Donor : 3 – Phr

Advantages

- 1.It leaves non corrosive impression on coated steel.
- 2.It is Non dusting
- 3.It has got simply dispersion in compounds
- 4.Very easy to handle
- 5.It is considered as a bonding agent
- 6.It is generally preferred in last mix in two stage mixing
- 7.Its non toxic.
- 8.It does not generate any skin irritation.
- 9.Also used as a dry component.
- 10.It is considered as the protection of scorch is higher than HMT.

Application

SHREEBOND - HM100 has been successfully designed to meet demanding and fix requirement of cord rubber properties in all the ruber industry. It provides very good fatigue resistance and adhesion.

Handling Precautions

Need to avoid contact with eyes.
Avoid contact with skin.
Irritating to the eyes.

Packaging

200/250 kgs in MS/HDPE drums

Storage Properties

It is stable for 12 months.

Shelf Life

12 months from the date of manufacturing

Note: Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. SRPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion. implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion.

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