



SHREEBOND-HM 65 'O'

TECHNICAL DATA SHEET

Product - Trade Name

SHREEBOND-HM 65 'O'

Classification

Dry Bonding Agents -- Methylene Donor
Adhesion Promoter

Composition

65% of Hexa Methoxy Methyl Melamine (HMMM)
Coated with Silica and oil treated
Melamine Formaldehyde Resin
Methylated Melamine Formaldehyde Resin Modified
Melamine Formaldehyde Resin

Physical Properties

Form : Free flowing powder.
Sp. Gr. @ 25°C : 1.41 +/- 0.05

Chemical Properties

HMMM content		%	65 ± 1
Ash content	(850°C/ 1hr)	%	28 ± 2
Moisture Content	(Karl Fisher)	%	4.0 max
Loss Of Drying	(105°C/hr)	%	5.0 max
Free Formaldehyde		%	0.1 max
Sieve Residue	(100 mesh)	%	0.1 max
Oil Content		%	5 ± 0.5

Solubility

Alcohol : Partly soluble
Pet. Ether : Partly soluble
Water : Insoluble

Processing behavior

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

Recommended Dosage

SHREEBOND HM650 4 – 5 Phr
SHREEBOND RSA (Resorcinol Dispersions) 3.5– 4 Phr
TECHNIC RF Resin 4 – 5 Phr

Advantages

1. Easy Handling
2. Easy Dispersion in compound
3. Non corrosive effects on coated steel
4. Non dusting
5. Scorch protection higher than HMT
6. Non toxic and no skin irritation
7. Principally used as a component of Dry Bonding Agent.
8. It is recommended for use in final mix in case of two stage mixing.

Application

SHREEBOND HM650 has been successfully designed to meet the stringent needs of cord rubber properties of tyre and non -- tyre industries. It offers a balanced combination of good adhesion and excellent fatigue resistance in conjunction with Methylene acceptors like TECHNICB19S/ B20S through formation of an in-situ resin. The recommended dosage above shows the level for initial evaluations.

Handling Precautions

Irritating to the eyes, respiratory system and skin. Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Packaging

25 kg in HDPE laminated paper bag / Jumbo bag.

Storage Properties

It is stable for 12 months at normal room temperature.

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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