



SHREEBOND-HM 65

TECHNICAL DATA SHEET

Product - Trade Name

SHREEBOND - HM65

Classification

Dry Bonding Agents --Methylene Donor
Adhesion Promoter

Composition

65% of Hexa Methoxy Methyl Melamine
(HMMM) Coated with Silica
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)	%	33 ± 2
Moisture Content	(Karl Fisher)	%	4.0 max
Loss on Drying	(105°C/hr)	%	5.0 max
Free Formaldehyde		%	0.1 max
Sieve Residue (Wet)	(100 mesh)	%	0.1 max

Solubility

Alcohol : Partly soluble
Petroleum Ether : Partly soluble
Water : Insoluble

Processing Behaviour

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

Recommended Dosage

SHREEBOND- HM65 : 4 – 5 phr
Resorcinol Donor : 3 – 4,5 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- HM65 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 SHREEBOND RSA / SHREEBOND RS / RF Resin 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. Refer MSDS for complete details

Packaging

25 kg in HDPE laminated paper bag / Jumbo bag.

Storage Properties

Stable for one year, when stored tightly 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.

SHREENATHJI RASAYAN PRIVATE LIMITED
www.shreenathjirasayan.com

CONTACT US

ADDRESS: 402, Shoppers Plaza - IV, Opp. Lal Bunglow, C.G. Road,Navrangpura, Ahmedabad - 380 009

CONTACT NUMBER: +91-9624711668

EMAIL US: rahul@shreenathjirasayan.com