



RUBBOND HM 72C

TECHNICAL DATA SHEET

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002/02

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Product - Trade Name

RUBBOND HM72C

- Scorch protection higher than HMT
- Non toxic and no skin irritation

Classification

Dry Bonding Agents – METHYLENE DONOR
Adhesion Promoter

Principally used as a component of Dry Bonding Agent. It is recommended for use in final mix in case of two stage mixing.

Composition

72% of Hexa Methoxy Methyl Melamine Coated with Calcium Silicate
Melamine Formaldehyde Resin
Methylated Melamine Formaldehyde Resin
Modified Melamine Formaldehyde Resin

Application

RUBBOND HM72C 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 RUBBOND RSA / RUBBOND RS through formation of an in-situ resin. The recommended dosage above shows the level for initial evaluations.

Physical properties

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

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

Chemical properties

HMMM content		%	72 ± 1
Ash content	(850°C/1hr)	%	21 - 29
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)	%	0.5 max

Packaging

25 kg in HDPE laminated paper bag / Jumbo bag

Solubility

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

Storage properties

Stable for one year, when stored tightly at normal room temperature.

Processing behavior

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

Shelf Life

12 months from the date of manufacturing.

Recommended dosage

RUB-BOND HM72 : 4 - 5.0 phr
TECHNIC RF RESIN : 4 -4.5 phr

Advantages

- Easy Handling
- Easy Dispersion in compound
- Non corrosive effects on coated steel
- Non dusting

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. RCPL 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.

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