



RUBBOND® OSCH-M

TECHNICAL DATA SHEET

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002/03

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01.10.2022

Product – Trade Name

RUBBOND® OSCH-M

Classification

Dry Bonding Agents – Methylene Donor
Hexamethylene tetramine (HMT)

Composition

Oil treated Silica coated Hexamethylene tetramine

Physical Properties

Physical form : Fine white powder
Sp. Gr. @ 25°C : 1.27 +/- 0.01

Chemical Properties

Fineness through
100 mess dry sieve [%] : 99 min
Active content (Assay) [%] : 90 min
Ash content @ 850°C [%] : 2.5 ± 0.5
Moisture, Karl Fisher [%by wt] : 0.6 max
Oil content [%] : 2.0 ± 0.5

Solubility

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

Storage Properties

Stable for one year, if kept in cool dry place in tightly closed packing. Absorption of moisture leads to caking and decreased dispersibility of the product. Keep away from oxidizing agents.

Processing Behavior

Readily disperses in rubber under normal processing conditions. In conjunction with retarders its processing safety is further improved.

Advantages

- Easy Handling
- Easy Dispersion in compound

Technological Properties

RUBBOND® OSCH (M) has been successfully designed to meet the stringent need of cord – rubber properties of tyre and non-tyre industries. It offers a balanced combination of good adhesion and excellent flex fatigue resistance in conjunction with methylene acceptors like RUBBOND®/TECHNIC RSB-11/TECHNIC RSAM through formation of an in – situ resin.

Handling Precaution

Normal precaution to avoid contact with skin and eyes should be followed.

Skin contamination: Wash liberally with soap and water.

Eyes contamination: Immediately wash out thoroughly with plenty of clear water for at least 15 minutes.

Refer MSDS for complete details

REACH Compliance:

Material is meeting the REACH compliance.

Packaging

25 kg in HDPE laminated paper bag.

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. 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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