RUBBOND® OSCH-M

TECHNICAL DATA SHEET

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Product – Trade Name
RUBBOND® OSCH-M

Classification
Dry Bonding Agents – Methylene Donor
Hexamethylene tetramine (HMT)

Composition
Oil treated Silica coated Hexamethylene tetramine

Physical Properties:

Parameter	Specification
Physical form	Fine white powder

Chemical Properties:

Parameter	Specification	Test Method
Sp. Gravity @ 25 °C	1.27±0.05	D1817
Ash content, % @ 850°C	2.5±0.5	D4574
Moisture, % by wt. (Karl Fischer)	0.6 Max	E203
Oil Content, %	2.0±0.5	RCPL T-15
Fineness through 100 Mesh dry sieve	99 Min	D4572
Active content (Assay) , [%]	90 Min	IS4306 RCPL T-07

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

Shelf Life
12 months from the date of manufacturing.

Packaging
25 kg in HDPE laminated paper bag.

REACH Compliance:
Material is meeting the REACH compliance.

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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