RUBBOND® RSA

TECHNICAL DATA SHEET

Issue No 002/03

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Product Name:
RUBBOND® RSA

Classification
Dry Bonding Agents
Resorcinol Donor / Methylene Acceptor
Homogenous melt of Resorcinol & Fatty Acid

Composition
Resorcinol and Stearic Acid Melt

Physical Properties:

Parameter	Specification
Physical form	Off white grey to reddish brown flake
Sp. Gravity @25 °C	1.20±0.05

Chemical Properties:

Parameter	Specification	Test Method
Softening Point, °C	90 – 110	D6493 / E28
Active content*, %	80 ± 2	RCPL T-02
Loss on heating, % (2hrs, @70 °C)	0.50 Max	D4571
Ash content, % (2hrs, @550 °C)	0.10 Max	D4574

Solubility
Alcohol : Soluble
Petroleum Ether : Partly soluble
Water : Partly soluble

Storage Properties
Stable for one year under normal storage conditions

Processing Behavior
Readily disperses in rubber under normal processing conditions. It is recommended for use in stock master batch in multistage mixing.

Recommended Dosage
RUBBOND® RSA 4-5 phr
HMMM (65% active content) 4-5 phr

Advantages
1.Easy Handling
2.Easy Dispersion in compound

* **Other grades with 50%, 67% & 75% active** matter is also available.

Technological Properties
RUBBOND® RSA has been successfully designed to meet the stringent need of cord– rubber properties of tyre and non tyre Ind. It offers a balanced combination of good adhesion and excellent flex fatigue resistance in conjunction with methylene donors like Hexa Methylene Tetramine and Hexa Methoxy Methylol Melamine Resin 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.
Eye contamination: Immediately wash out thoroughly with plenty of clear water for at least 15 minutes.
Refer MSDS for more details

Packaging
25 kg in HDPE laminated paper bag.

Shelf Life
12 months from the date of manufacturing.

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. TWPL 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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