

TECHNICAL DATA SHEET

Issue No
003/01

Revision Date
01.07.2020

Product Name

TECHNIC RSB 11

Classification

Dry Bonding Agents
Resorcinol Donor / Methylene Acceptor
Mechano chemical blend of Resorcinol and inert
Carrier.

Composition

Resorcinol Precipitate Silica Blend

Physical Properties

Form & Color : White to brown powder which becomes more brownish after exposure to light, although this does not affect its activity

Chemical Properties

Specific gravity	:	1.56 +/- .05
Fineness through		
120 mesh dry sieve [%by wt]	:	99 min
Active content [%by wt]	:	50 +/- 2
Ash content @ 850°C [%by wt]	:	46 +/- 2
Moisture Content (KF)[%by wt]	:	3.5 max
Loss on Drying @ 70°C/1 hr	:	3.5 max

Solubility

Alcohol	:	Partly Soluble
Water	:	Partly soluble

Processing Behavior

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

Recommended Dosage

TECHNIC RSB11	4-5 phr
TECHNIC CHM 50S	4-5 phr

Advantages

- Easy Handling
- Easy Dispersion in compound

Technological Properties

TECHNIC RSB 11 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 donors like TECHNIC SCH / TECHNIC CHM 50S (Methylene Donor) 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

15 kg in HDPE laminated paper bags.

Storage Properties & Shelf Life

TECHNIC RSB11 is mildly hygroscopic and must be protected from exposure to relative humidity. The product should be stored in a cool dry place. The powder is stable for 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. 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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