

TECHNO WAXCHEM
TECHNIC® RSB11

TECHNICAL DATA SHEET

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004/01

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01.10.2022

Product Name

TECHNIC® RSB 11

Classification

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

Composition

Blend of Resorcinol and inert carrier

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:

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