TECHNIC® RSB11

TECHNICAL DATA SHEET

Issue No	Revision Date
004/01	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 browny after exposure to light, although this does not effects its activity

Chemical Properties

Specific gravity		: 1.56 +/- .05
Fineness through 120 mess 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 hydroscopic 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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