



TECHNIC - DRY BONDING AGENT

Product Data Sheet

TECHNIC RSB 11

Classification

Dry Bonding Agents – Resorcinol Donor / Methylene Acceptor

Composition

Mechano chemical blend of Resorcinol and inert Carrier.

Physical Properties

Physical form : White, brown powder which becomes more brown after exposure to light, although this does not affect its activity

Chemical Properties

Specific gravity		: 1.56 +/- .05
Fineness through		
170 mesh dry sieve	[%by wt]	: 99 min
Active content	[%by wt]	: 50 +/- 2
Ash content @ 850°C	[%by wt]	: 46 +/- 2
Volatile matter		
(@ 100-105°C/1hr)	[%by wt]	: 3.5 max

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

TECHNIC RSB11	4-5 phr
RUBBOND HM 50	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 WCH / RUBBOND HM 50 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.

Packaging

15 kg in HDPE laminated paper bags.

Note:

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