

Rhenogran® Resorcin-80/SBR

Predispersed rubber chemicals and additives

Function

In direct bonding compounds, e.g. for the bonding system resorcinol/formaldehyde/silica

Product description

Composition:	80% resorcinol 20% SBR binder and dispersing agents
Appearance:	grey to beige granules (color intensity may vary due to raw materials)
Density, 20 °C:	approx. 1.2 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran Resorcin-80/SBR is one component of the bonding system resorcinol/formaldehyde/silica. In combination with a formaldehyde donor (e.g. Rhenogran Hexa-80 or Cohedur A 250) the resorcinol formaldehyde resin acting as adhesion promoter between rubber and the re-inforcement material is formed during the curing process. This system is suitable for bonding all types of rubber to reinforcing materials, e.g. fabrics, glass fibres, steel-cord.
Processing:	The pre-dispersed resorcinol in the elastomeric binder system allows quick absorption and excellent dispersion in the rubber mix. In this way, optimal activity of resorcinol is assured.
Dosage:	3-4 phr
Application:	Tires and technical rubber goods, e.g. conveyor belts, raw-edge V-belts, round belts, fire hoses, other reinforced hoses, flexible containers, fabric proofings

Packaging

20 kg carton with PE bag inside on 800 kg skid

Storage stability

In original closed containers under cool and dry conditions 730 days from date of production

Handling

For additional handling information on Rhenogran Resorcin-80/SBR please consult current safety data sheet

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