



TECHNIC® R-80

PREDISPERSED RUBBER CHEMICALS & ADDITIVES

TECHNICAL DATA SHEET

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004/01

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Product

TECHNIC® R-80

Classification

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

Composition

80 % resorcinol with 20% polymer binder and dispersing agents

Properties

Product

Physical Form	Granules
Color	White/Off white/ Grey to beige
Resorcinol %	77 - 81
Specific Gravity at 25°C	1.17 - 1.25

Solubility

Product

Toluene	Rubber solution
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Storage properties

Stable in cool and dry places under packed condition.

Application:

TECHNIC® R-80 is a component of the bonding system resorcinol formaldehyde silica. In conjunction with a formaldehyde donor the resorcinol formaldehyde resin, responsible for the bonding of rubber to textile and steel cords is formed during process. This system is suitable for bonding all types of rubber to reinforcing materials, e.g. fabric, glass fibers and metals (e.g. steel-cords).

Processing: The pre-dispersion of resorcinol in an elastomer binder allows quick absorption and excellent dispersion in the rubber, therefore optimum activity of the resorcinol is assured.

Dosage -

TECHNIC® R-80 to be used (2.3 - 2.6 phr) along with Rubbond HM50 (4.7 – 5 phr).

For further detail, contact with TWC Team.

Handling precautions

Wash your hand after handling. Dispose the contaminated hand gloves. Don't spill off the material. Avoid contact with eyes, skin and clothing. Keep container tightly close

Shipping

TECHNIC® R-80 are available in laminated paper bags of 25 kg.

Shelf Life

Product is stable 12 months from the date of manufacturing. It should be stored in cool & dry place in packed condition

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 expected to the extent that law prevents such exclusions

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