

Rhenocure® TT

Specialty rubbers and functional
additives

Function

Crosslinking agent for polyurethane rubber

Product description

Chemical composition:	dimeric toluylene-2,4-diisocyanate
Appearance:	white to yellowish powder
Active content:	approx. 98%
Melting point:	>140 °C
Density (20 °C)	approx. 1,48 g/cm ³
Solubility:	insoluble but reactive in water
Physiological properties:	see material safety data sheet

Use

Mode of action:	Polyurethane rubbers like Urepan 600 contain free hydroxyl functions which are bound by a certain amount of Rhenocure TT. This chemical process results in crosslinked polymer.
Processing:	Rhenocure TT is incorporated into the compound on the open mill. The temperature should not exceed 65 °C. The vulcanization temperature should be below 135 °C. Otherwise damages of the rubber articles may occur.
Dosage:	min 8 phr
Application:	Crosslinking agent for isocyanate curable polyurethane rubber

Packing

20 kg carton with PE bag inside on 240 kg skid

Storage stability

In original closed containers under cool and dry conditions 365 days from date of production

Handling

For additional handling information on Rhenocure TT please consult current safety data sheet.

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