

Rhenocure® DR

Specialty and Standard Chemicals

Function

Rhenocure® DR is a fast curing secondary accelerator without sulfur donor function. Typical use is in combination with sulfenamides or mercaptobenzothiazoles.

Product description

Composition: polyethyleneimine (PEI) with a branched polymer structure

Appearance: colorless to yellowish liquid

<u>Property</u>	<u>Nominal value</u>	<u>Unit</u>	<u>Test method</u>
Viscosity (at 20 °C)	15000 ± 5000	mPa.s	DIN EN ISO 2555
Water content	≤ 2.0	%	DIN 51 777

Use

Mode of action: Rhenocure® DR is a safe equivalent to replace DPG in rubber formulations. Due to its aromatic free structure Rhenocure® DR cannot splitt off toxic aniline during processing or vulcanisation.

Processing: All kind of standard techniques can be used to handle and mix in Rhenocure® DR.

Dosage: Used as secondary accelerator the typical dosage of Rhenocure® DR is between 0.2 and 1 phr.

Application: Rhenocure® DR can be used in all kind of general purpose rubbers preferred carbon black filled compounds but also as safe accelerator in CR or ECO polymers.

Packaging

120 kg PE hobbock.

Storage stability

In original closed containers under cool (approximately 25 °C) and dry conditions 365 days from date of production. If stored below approximately 0 °C crystallization can occur.

Handling

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

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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