

## Rhenocure® DR/S

Specialty and Standard Chemicals

### Function

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

### Product description

Composition: 50 % polyethyleneimine (PEI) with a branched polymer structure and 50 % filler

Appearance: white powder

Density: approximately 1.5 g/cm<sup>3</sup>

<u>Property</u>	<u>Nominal value</u>	<u>Unit</u>	<u>Test method</u>
Nitrogen content	16 ± 2	%	Elementary analysis
Ash content	43 ± 3	%	ASTM D 4574

### Use

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

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

Dosage: Used as secondary accelerator the typical dosage of Rhenocure® DR/S is between 0.4 and 2 phr.

Application: Rhenocure® DR/S 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

25 kg box on 600 kg skid.

## Storage stability

In original closed containers under cool (approximately 25 °C) and dry conditions 365 days from date of production.

## Handling

For additional handling information on Rhenocure® DR/S 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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