Technical Data Sheet

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

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

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 split 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 hobock.

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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