

Rhenodiv® MR-60

Release agents

Function

Release agent for demolding vulcanizates made of natural and synthetic rubber

Product description

Composition:	aqueous emulsion of reactive silicone polymer and special surfactants
Appearance:	white liquid
Density, 20 °C:	approx. 1.05 g/cm ³
solids content:	approx. 7 %
pH, 20 °C:	approx. 8.5
Solubility:	miscible with water at any ratio
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenodiv MR-60 prevents rubber vulcanizates from sticking to molds and, hence, facilitates the release from them. The reactive silicone polymer forms a thin film on the form and gives a release effect for several demoldings.
Processing:	<p>Rhenodiv MR-60 can be diluted with water (soft water, condensate, demineralized water) at any ratio. The optimum degree of dilution strongly depends on the particular conditions (type of mold, curing temperature, curing time as well as tack of the compound). A dilution ratio of 1:5 - 1:15 is reasonable for most applications. The molds should be warm or even hot in order to ensure quick evaporation of the water and to accelerate the film formation.</p> <p>Rhenodiv MR-60 is a semi-permanent release agent and does not have to be applied at every cycle. The number of demoldings that can be achieved with one coating depends on the particular conditions of molding and demolding. It has to be tested for every application separately.</p>
Dosage:	Rhenodiv MR-60 is miscible with water at any ratio. For most applications a dilution factor of 1:5 - 1:15 is sufficient.
Application:	Articles formed by injection or compression molding

Packing

25 kg PE canisters on 350 kg skid

Storage stability

In original closed containers under cool and dry conditions 12 months from date of production

Handling

Please consult safety data sheet for additional handling information on Rhenodiv MR-60.

The provided in this data sheet are for technical reference only and no product specification.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



LANXESS Deutschland GmbH
Business Unit Rhein Chemie
Kennedyplatz 1
D-50569 Cologne, Germany
<http://rch.lanxess.com>