

Product Specification

GETREN® R 4280 (biodegradable)

Chemical description

Biodegradable release agent based on organic substances, silicone oil free.

Physical properties

| | |
|--------------------------|----------------------------|
| Appearance | Yellowish, clear |
| Active substance content | 100 % |
| Viscosity at 25 °C | 1 850 – 2 300 mPas |
| Density (25 °C) | Approx 1 g/cm ³ |

Application

GETREN® R 4280 is a release agent for shape rubber hoses, especially suited for standard rubber blends like EPDM, NBR, FKM as well as PVC and Silicone compounds.

Advantages

- Excellent slide and release properties.
- Good lubrication on the mandrel.
- No foaming on hot surfaces.
- Water soluble, thus easily washable with water, preferably at higher temperatures without addition of surfactants.
- Over 95 % biodegradable (as determined by the Zahn-Wellens-Test OECD 302 B) by DIN EN ISO 9888 within 7 days.
- No labelling.

Dosage/Handling

GETREN® R 4280 is recommended to be used in non-diluted form. The release agent should be applied by dipping or brushing of the mandrels.

Dilution with water is possible, however, very strong dilutions during drifting may reduce the release effect, and thus all dilutions must be tested first under the customer's specific circumstances. For further information please contact our technical managers.

Registration status

The components of GETREN® R 4280 are listed in the following chemical inventories:

EINECS, TSCA, ENCS, CHINA, ECL

Storage stability

In originally sealed containers and at temperatures between 10°C and 30°C GETREN® R4280 can be stored for at least 1 year.

Protect from frost!

Packaging

200 kg PE drum (800 kg per pallet)
1 000 kg PE container

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/interface-performance