

RSH HDPE 5060 i

Reprocessed Polyethylene with high density

Transparent

Description

RSH HDPE 5060 i is a reprocessed Polyethylene with good flowability and high density based on recycled post industrial waste from the plastics- and petrochemical industry. Typical process applications include extrusion moulding and injection moulding. This product is available in pellets.

Status

Commercial: active

Applications

RSH HDPE 5060 i demonstrated applications include:

- Construction (e.g. dowel)
- Automotive
- Packaging

Special Features

RSH HDPE 5060 i is optimised to deliver:

- good flowability

Typical Properties	Test Condition	Typical Value	Test Method
Physical Properties			
Density	23°C	955 kg/m ³	ISO 1183
Melt Flow Rate (MFR)	190°C/2,16 kg	3,0-6,0 g/10min	ISO 1133
Melt Volume Rate (MVR)	190°C/2,16 kg	3,5-6,5 cm ³ /10min	ISO 1133
Content moisture	thermogravimetry	< 0,2 %	KERN MLS

Storage

The products should be stored in a dry and clean environment to prevent contamination and should not be exposed to direct sunlight, temperatures above 40°C and high atmospheric humidity as this may lead to quality deterioration. These materials have a shelf life of at least 3 (three) years after date of production, provided the material remains in its original unopened packaging and is stored under the storage conditions as described in this document. "Shelf life" means that there will not be any substantial difference compared to the agreed specification. The date of batch creation can be derived from the batch code printed on the packaging.

Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

"Safety data sheet" / "Product safety information sheet" Statement on chemicals, regulations and standards.

RSH HDPE 5060 i

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

Disclaimer

The product(s) mentioned herein are not intended to be used for food contact, medical, pharmaceutical or healthcare applications and we do not support their use for such applications. The information submitted is based on our current experience and knowledge. These data do not release processors from the responsibility of carrying out own tests, neither do they imply any legally binding assurance of certain properties or of the suitability for specific purposes. Please note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mould, the processing conditions and/or colouring.

Company Information

For further information regarding RSH POLYMERE GmbH, please visit <http://www.rshpolymere.de>

RSH POLYMERE GmbH

Großmooring 16

21079 Hamburg

Germany

Phone +49 40 767393 0

Fax +49 40 767393 24

Email: info@rshpolymere.de

© RSH POLYMERE GmbH 2020