

PRODUCT DESCRIPTION

LL45372 RM is a butene linear low-density polyethylene. The product offers excellent environmental stress crack resistance and impact strength combined with good processing. Products made from LL45372 RM are resistant to aggressive environments and have a long life expectancy.

TYPICAL APPLICATIONS

LL45372 RM is recommended for Rotational and Injection Molding applications such as containers, boxes, and tanks.

Properties	Conditions	Method	Typical values*	Units
Resin properties				
Melt Flow Rate	190 °C/2.16 kg	ISO 1133	4.5	g/10 min
Physical				
Density	20 °C	ISO 1183	0.938	g/cm ³
Mechanical				
Tensile Strength at Break		ISO 527-2	16	MPa
Elongation at Break		ISO 527-2	650	%
Stress Cracking resistance		ГОСТ 13518	128	hrs

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

PJSC «Sibur Holding»

Basic Polymers Division
3-16, Krzhizhanovskogo St.
117997, Moscow, Russian Federation
Tel.: +7 495 7775500
E-mail: servicedbp@sibur.ru

European Sales Office

Sibur International GmbH
Prinz Eugen Straße 8-10
1040, Vienna, Austria
Tel.: +43 1 370 8000
E-mail: polyolefins@sibur-int.com

Turkey Sales Office

SIBUR Istanbul Uluslararası Tic. Ltd. Şti.
Ferko Signature Levent
Esentepe, Büyükdere Cd. No:175, 4.Kat / A25
34394 Şişli, Istanbul, Turkey
Tel: +90 212 919 0035
E-mail: polyolefins@sibur-int.com

Chinese Sales Office

SIBUR International Trading (Shanghai)Co., Ltd
Rm.74T71, SWFC, Century Ave.100 Pudong New
Area, 200120, Shanghai, China
Tel: +86 021 2206 5066 ext 215
E-mail: serviceCN@sibur-int.com

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information. PJSC «Sibur Holding» (and its subsidiaries) makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of any PJSC «Sibur Holding» (and its subsidiaries) product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.