

CYNPOL LL6118H

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL6118H is a hexene copolymer linear low density polyethylene for film extrusion. This product is designed for excellent draw down and puncture strength. It contains 1,350 ppm slip and 6,500 ppm anti-block agent.

Applications

Industrial liners, heavy duty bags, trash bags, freezer film.

Requirement meets

CYNPOL LL6118H meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 which is covering safe use of polyolefin articles intended for food contact.

Physical Properties

Property ¹	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	1.0	2.16kg at 190 °C
Density	ASTM D-1505	g/cm ³	0.918 (Base resin) 0.922 (Product)	
Tensile Strength, Break	ASTM D-882	MPa	MD 55 TD 42	
Tensile Elongation	ASTM D-882	%	MD 570 TD 690	
1% Secant Modulus	ASTM D-882	MPa	MD 200 TD 220	
Elmendorf Tear	ASTM D-1922	g	MD 310 TD 630	
Dart Drop Impact Strength	ASTM D-1709	g	180	

¹The technical information on film properties is based on blown film 25µm thickness and all data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.



For technical support & more information

16825 Northchase Drive, Suite 1400, Houston, Texas 77060 USA T +1.281.618.1300 F +1.281.618.1398 admin@vinmar.com www.vinmar.com

We make no other representation or warranties, express or implied, including, without limitation, warranties of merchantability and fitness for a particular purpose, and expressly disclaims all other representations and warranties and any and all other obligations or liabilities on the part of us. No person is authorized to give any other warranties or to assume any other liability on behalf of us unless made or assumed in writing by us.

Revised March 2018