

CYNPOL®

CYNPOL LL6118

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL6118 is a ethylene-hexene copolymer for cast and blown film extrusion. This product is designed for excellent draw down and puncture strength. It is barefoot grades without additives.

Applications

Stretch-wrap and co-extrusions film, industrial films and bags, heavy duty bags, trash bags.

Requirement meets

CYNPOL LL6118 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-792	g/cm ³	0.918	
Tensile Strength at Yield	ASTM D-882	MPa	MD 10 TD 11	
Tensile Strength at Break	ASTM D-882	MPa	MD 60 TD 47	
Elongation	ASTM D-882	%	MD 400 TD 780	
Elmendorf Tear	ASTM D-1922	g	MD 380 TD 700	
Dart Drop Impact Strength(F ₅₀)	ASTM D-1709A	g	230	
Haze	ASTM D-1003	%	12	
Gloss(45°)	ASTM D-2457		50	

¹The technical information on film properties is based on blown film 0.8 mil 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 makes 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