

CYNPOL LDF319

Low Density Polyethylene Resin

Product Description

CYNPOL LDF319 is a fractional melt index low density polyethylene for heavy duty film extrusion. This product gives excellent impact strength and puncture resistance.

Applications

Industrial bags, shrink film, bags and sacks, blown film and bottles for consumer goods.

Requirement meets

CYNPOL LDF319 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	0.25	2.16kg at 190 °C
Density	ASTM D-792	g/cm ³	0.919	
Tensile Strength	ASTM D-882	MPa	MD 20 TD 18	
Elongation	ASTM D-882	%	MD 300 TD 400	
1% Secant Modulus	ASTM E-111	MPa	200	
Dart Drop Impact Strength, F50	ASTM D-1709	g	180	

¹The technical information on film properties is based on blown film 2.0mil 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

Vinmar International Ltd

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

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