

CYNPOL LL6318

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL6318 is a hexene copolymer linear low density polyethylene for cast stretch film extrusion. This product is designed for excellent tensile strength and toughness. It is TNPP free grade.

Applications

Cast stretch film, compounding base resin.

Requirement meets

CYNPOL LL6318 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	3.2	2.16kg at 190 °C
Density	ASTM D-792	g/cm ³	0.918	
Tensile Strength, Break	ASTM D-882	MPa	MD 10 TD 9	
Elongation	ASTM D-882	%	MD 750 TD 830	
Secant Modulus 1%	ASTM D-882	MPa	MD 165 TD 170	
Elmendorf Tear	ASTM D-1922	g	MD 370 TD 500	
Dart Drop Impact Strength, F50	ASTM D-1709	g	120	

¹The technical information on film properties is based on cast film 25.4µm 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

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