

CYNPOL LL0218

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL0218 is a butene linear low density polyethylene for film extrusion. This product is designed for cast or blown film applications and could be used straight or blended. It is barefoot grade without additives.

Applications

General packaging film, stretch-wrap film, cast film.

Requirement meets

CYNPOL LL0218 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	2.0	2.16kg at 190 °C
Density	ASTM D-792	g/cc	0.918	
Tensile Strength, Break	ASTM D-882	MPa	MD 55 TD 24	
Elongation	ASTM D-882	%	MD 410 TD 800	
Secant Modulus 1%	ASTM D-882	MPa	MD 105 TD 120	
Elmendorf Tear	ASTM D-1922	g	MD 20 TD 410	
Dart Drop Impact Strength, F50	ASTM D-1709	g	45	

¹The technical information on film properties is based on blown film 1.25mm 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.