

CYNPOL®

CYNPOL LD0221F

Low Density Polyethylene Resin

Product Description

CYNPOL LD0221F is a low density polyethylene for the film extrusion. This product is designed to have excellent clarity and stiffness, impact strength for the packaging blown film. It contains 750ppm slip additive & 1,500ppm anti-block additive.

Applications

Bread bags, textile bags, food packaging films, thin packaging films.

Requirement meets

CYNPOL LD221F 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	0.921	
Tensile Strength, MD	ASTM D-882	MPa	10	
Elongation	ASTM D-882	%	MD 120 TD 500	
Haze	ASTM D-1003	%	7.0	
Dart Drop Impact Strength, F50	ASTM D-1709	g	100	
Elmendorf Tear, MD	ASTM D-1922	g	430	

¹The technical information on film properties is based on the extruded film 38µm 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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