

CYNPOL LD 4001

Low Density Polyethylene

MELT INDEX: 2.0

DENSITY: 0.921

Cynpol LD 4001 is a low density polyethylene for film extrusion. This product is designed to have excellent clarity for industrial and consumer packaging blown film applications. This product contains 750ppm slip and 1000 anti-block and also complies with FDA Regulation 21 CFR 177.1520.

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	RESULT
Melt Index, 2.16 kg at 190 °C	ASTM D-1238	g/10 min	2.0
Density	ASTM D-792	g/cc	.921
<u>Film Properties</u>			
Drop Dart Impact, F50	ASTM D-1709	g	90
Tensile Strength, MD	ASTM D-882	psi	3300
Elongation, break, MD	ASTM D-882	%	500
Haze	ASTM D-1003	%	7.0
Elmendorf Tear MD	ASTM D-1922	g	350

The technical information on film properties is based on blown film 1.25 mil. thickness and all data 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.