

POLYCOMPO PE 1020L

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 1020L is a Linear Low Density Polyethylene product. It can be processed by blown film or cast film and is available in Asia Pacific. Typical application: Film. Primary characteristic: good sealability.

General Information	
Features	Good Heat Seal
	Low Temperature Heat Sealability
Uses	Cast Film
	Film
Forms	Pellets
Processing Method	Blown Film
	Cast Film

Physical	Nominal Value	Unit	Test Method
Density	0.909	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	50		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	16.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	430	%	ISO 527-2
Flexural Modulus (Injection Molded)	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	93.0	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	115	°C	ASTM D3418, ISO 3146

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