

POLYCOMPO PE 4020L

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 4020L 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.
Characteristics include:
Good Sealability
Heat Resistant
Rigid

General Information	
Features	Good Heat Seal High Heat Resistance Medium Rigidity
Uses	Cast Film Film
Forms	Pellets
Processing Method	Blown Film Cast Film

Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	2.3	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)	59		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	16.0	MPa	
Break, Injection Molded	26.0	MPa	
Tensile Strain (Break, Injection Molded)	500	%	ISO 527-2
Flexural Modulus (Injection Molded)	530	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	115	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	126	°C	ASTM D3418, ISO 3146

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