

POLYCOMPO PE 3021F

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 3021F is a Linear Low Density Polyethylene product. It can be processed by blown film or cast film and is available in Asia Pacific. Applications of POLYCOMPO PE 3021F include film and packaging. Characteristics include:
Clarity
Good Sealability
Rigid

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

Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	2.2	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	12.0	MPa	
Break, Injection Molded	21.0	MPa	
Tensile Strain (Break, Injection Molded)	450	%	ISO 527-2
Flexural Modulus (Injection Molded)	320	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	112	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	123	°C	ASTM D3418, ISO 3146

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