

POLYCOMPO PE 4570

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 4570 is a Linear Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Applications of POLYCOMPO PE 4570 include caps/lids/closures and containers. Primary characteristic: rigid.

General Information			
Features	High Rigidity		
Uses	Caps		
	Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	50.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	60		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	18.0	MPa	
Break, Injection Molded	22.0	MPa	
Tensile Strain (Break, Injection Molded)	500	%	ISO 527-2
Flexural Modulus (Injection Molded)	660	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	18	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	115	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	127	°C	ASTM D3418, ISO 3146

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