

POLYCOMPO PE 20100J

Linear Low Density Polyethylene
POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 20100J is a Linear Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Typical application: Caps/Lids/Closures. Primary characteristic: good aesthetics.

General Information			
Features	Good Surface Finish		
Uses	Caps		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.916	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	8.5	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	300	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	54		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	9.00	MPa	
Break, Injection Molded	17.0	MPa	
Tensile Strain (Break, Injection Molded)	500	%	ISO 527-2
Flexural Modulus (Injection Molded)	160	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	95.0	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	120	°C	ASTM D3418, ISO 3146

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