

POLYCOMPO PE 50

Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 50 is a Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Applications of POLYCOMPO PE 50 include caps/lids/closures and containers.

General Information			
Uses	Caps		
	Containers		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	1.9	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	52		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	28.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	130	%	ISO 527-2
Flexural Modulus (Injection Molded)	180	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746A, ISO 974
Vicat Softening Temperature	94.0	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	109	°C	ASTM D3418, ISO 3146

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