

POLYCOMPO PE 12

Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 12 is a Low Density Polyethylene product. It can be processed by blown film and is available in Asia Pacific. Typical application: Film.
Characteristics include:
Heat Resistant
Rigid

General Information			
Features	High Heat Resistance		
	Medium Rigidity		
Uses	Film		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ISO 1133
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 (Break, Injection Molded)	28.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	100	%	ISO 527-2
Flexural Modulus (Injection Molded)	250	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	114	°C	ASTM D3418, ISO 3146

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