

POLYCOMPO PE SP4030

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE SP4030 is a Linear Low Density Polyethylene product. It can be processed by cast film or rotational molding and is available in Asia Pacific. Applications of POLYCOMPO PE SP4030 include containers, film and tanks.

Characteristics include:

Chemical Resistant

Rigid

General Information			
Features	Good Chemical Resistance		
	Medium Rigidity		
Uses	Cast Film		
	Containers		
	Tanks		
Forms	Pellets		
Processing Method	Cast Film		
	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	3.8	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)	58		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	15.0	MPa	
Break, Injection Molded	21.0	MPa	
Tensile Strain (Break, Injection Molded)	500	%	ISO 527-2
Flexural Modulus (Injection Molded)	550	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	114	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	127	°C	ASTM D3418, ISO 3146

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