

POLYCOMPO PE 3550R

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 3550R is a Linear Low Density Polyethylene product. It can be processed by rotational molding and is available in Asia Pacific. Applications of POLYCOMPO PE 3550R include caps/lids/closures, containers, engineering/industrial parts and tanks.

General Information			
Uses	Caps		
	Containers		
	Gaskets		
	Tanks		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.931	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.6	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	600	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	62		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	13.0	MPa	
Break, Injection Molded	25.0	MPa	
Tensile Strain (Break, Injection Molded)	500	%	ISO 527-2
Flexural Modulus (Injection Molded)	410	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	115	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	124	°C	ASTM D3418, ISO 3146

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