

POLYCOMPO PE 2020SB

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 2020SB is a Linear Low Density Polyethylene product. It can be processed by blow molding or extrusion and is available in Asia Pacific.
Typical application: Containers. Primary characteristic: clarity.

General Information	
Features	Good Strength
	Medium Clarity
Uses	Containers
	Food Containers
Forms	Pellets
Processing Method	Blow Molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	1.6	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)	51		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	16.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	370	%	ISO 527-2
Flexural Modulus (Injection Molded)	190	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	101	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	121	°C	ASTM D3418

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