

# POLYCOMPO PE SP3010

Linear Low Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE SP3010 is a Linear Low Density Polyethylene product. It can be processed by blown film and is available in Asia Pacific. Typical application: Bags/Liners. Primary characteristic: rigid.

General Information			
Features	High Rigidity		
Uses	Heavy-duty Bags		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	0.80	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Compression Molded)	1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	54		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Compression Molded	13.0	MPa	
Break, Compression Molded	25.0	MPa	
Tensile Strain (Break, Compression Molded)	500	%	ISO 527-2
Flexural Modulus (Compression Molded)	490	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	106	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	124	°C	ASTM D3418, ISO 3146

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