

POLYCOMPO PE 6200B

High Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 6200B is a High Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific. Applications of POLYCOMPO PE 6200B include agricultural, film and packaging.

General Information			
Uses	Agricultural Applications		
	Film		
	Packaging		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	0.36	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Compression Molded)	300	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	64		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Compression Molded	26.0	MPa	
Break, Compression Molded	17.0	MPa	
Tensile Strain (Break, Compression Molded)	500	%	ISO 527-2
Flexural Modulus (Compression Molded)	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.6	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746A, ISO 974
Vicat Softening Temperature	123	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	132	°C	ASTM D3418, ISO 3146

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

