

Prime Polypro™ E-185G

Polypropylene Impact Copolymer

Prime Polymer Co., Ltd.

Message:

Prime Polypro™ E-185G is a Polypropylene Impact Copolymer (PP Impact Copolymer) product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

Impact Resistant

Rigid

General Information			
Features	High Impact Resistance		
	High Rigidity		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	92		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1450	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179
-20°C	6.8	kJ/m²	
23°C	65	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	ISO 75-2/B

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