



NAME: Jampilen EP440G

Product Description:

"Jampilen EP440G" is a nucleated heterophasic copolymer especially developed for extrusion applications. "Jampilen EP440G" exhibits high stiffness, very high impact properties at room and sub-zero temperatures, good dimensional stability and excellent creep and deforming resistance. The main applications of "Jampilen EP440G" are thermoforming, corrugated board and extrusion blow molding.

Processing Method:

Thermoforming Extrusion blow molding

Features:

Very high impact resistance
High stiffness
Good dimensional stability
Excellent creep and deforming resistance
Heterophasic copolymer

Typical Applications:

Crates
Panels & Profiles Corrugated Sheet
Conduit pipes and fittings for electrical distribution and cable protection
Blow molded bottles and containers

Typical Data(Table):

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Melt Flow Rate (230 °C, 2.16kg)	1.3	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus	1450	MPa	ISO 527-1, -2
Tensile Strength at Yield	27	MPa	ISO 527-1, -2
Tensile Elongation at Break	>50	%	ISO 527-1, -2
Tensile Elongation at Yield	8	%	ISO 527-1, -2
Charpy impact strength (Notch A) 23°C	40	kJ/m ²	ISO 179
0°C	9	kJ/m ²	
Gloss (60°)	65	----	DIN 67530

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