

Jampilen EP440G

TYPICAL PROPERTIES VALUE UNIT METHOD

Physical

Melt Flow Rate (230 °C, 2.16kg) 1.3 g/10min ISO 1133

Density 0.9 g/cm³ ISO 1183

Mechanical

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) ISO 179

23°C 40 kJ/m²

0°C 9 kJ/m²

Optical

Gloss (60°) 65 ---- DIN 67530

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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 &