

Jampilen EP4130N

Heterophasic Copolymer



Description:

"Jampilen EP4130N" is a heterophasic copolymer for injection moulding. The product offers an excellent balance of stiffness, impact strength and processability. Typical applications of "Jampilen EP4130N" are packaging, housewares and automotive parts. "Jampilen EP4130N" is suitable for food contact.

Processing Method:

Injection molding

Features:

Good impact resistance
Good processability
Good stiffness
Heterophasic copolymer

Typical Applications:

Crates
Housewares
Industrial

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	10	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	800	MPa	ASTM D790
Tensile Strength at Yield	17	MPa	ASTM D638
Tensile Strength at Break	19	MPa	ASTM D638
Tensile Elongation at Yield	5	%	ASTM D638
Tensile Strain at Break	240	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	> 500	J/m	ASTM D256
Izod Impact Strength (notched) at -20 °C	> 60	J/m	ASTM D256
Thermal			
Vicat softening point (B 120 °C/h, 10N)	135	°C	ASTM D1525
H.D.T. (0.46 MPa)	75	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	Hours	ASTM D3012

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