

Jampilen EP3130UV

Heterophasic Copolymer



Description:

"Jampilen EP3130UV" is a non-filled polypropylene copolymer for injection molding with very high impact strength. The product has good U.V. resistance designed for outdoor applications. This grade is used for production of automotive parts, such as bumpers and compounding.

Processing Method:

Injection molding
Compounding

Features:

Very high impact strength especially at low temperatures
Good U.V. resistance
Good processability
Heterophasic copolymer

Typical Applications:

Automotive parts
Outdoor applications
Technical articles

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	> 90	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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