



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

| TYPICAL PROPERTIES | VALUE | UNIT | METHOD |
|--|-------|-------------------|------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16kg) | 10 | g/10min | ASTM D1238 |
| Density | 0.9 | g/cm ³ | ASTM D1505 |
| Mechanical | | | |
| Flexural Modulus | 850 | MPa | ASTM D790 |
| Tensile Strength at Yield | 18 | MPa | ASTM D638 |
| Tensile Elongation at Yield | 6 | % | ASTM D638 |
| Izod Impact Strength (notched) at 23 °C | 500 | J/m | ASTM D256 |
| Izod Impact Strength (notched) at -20 °C | 100 | J/m | ASTM D256 |
| Thermal | | | |
| Vicat softening point (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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