Jampilen EP440G

Heterophasic copolymer





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 Appl/cations

Crates

Pariels & Profiles

Corrugated Sheet

Conduit pipes and fittings for electrical distribution and cable

protection

Hlow/moided bottles and containers

| Physical Melt Flow Rate (230 °C, 2.16kg) | S | _ |
|--|-------------------|-----------------|
| Melt Flow Rate (230 °C, 2.16kg) (1/3 / / |) 740 . | |
| (100, 100, 100, 100, 100, 100, 100, 100, | / g/19min | ISO 1133 |
| Density 0.9 | g/em ³ | ISO 1183 |
| Mechanical | | 7 |
| Tensile Modulus 1450 | '∪M[/a | 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 | % | 1SØ 527-1, -2 |
| Charpy impact strength (Notch A) | | ISO 179 |
| 23°C 40 | kJ/m^2 | |
| 0°C 9 | kJ/m ² | |
| Optical | | |
| Gloss (60°) 65 | | DIN 67530 |

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