

Salflex 6006CI

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 6006CI is a polypropylene copolymer (PP Copoly) product. It can be processed by injection molding and is available in North America. Typical application areas are: automotive industry. The main characteristics are: impact resistance.

| General Information | | | |
|--|---------------------------------|-------------------|-------------|
| Features | Impact resistance, high | | |
| Uses | Application in Automobile Field | | |
| | Car interior equipment | | |
| | Car dashboard | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 20 | g/10 min | ISO 1133 |
| Molding Shrinkage | 1.5 - 1.8 | % | ISO 294-4 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 58 | | ISO 2039-2 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 17.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 500 | % | ISO 527-2 |
| Flexural Modulus | 750 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | No Break | | ISO 180/1A |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 81.0 | °C | ISO 75-2/B |
| Additional Information | | | |
| Tensile Strain at Break, ISO 527: >500% | | | |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 195 - 225 | °C | |
| Middle Temperature | 200 - 230 | °C | |
| Front Temperature | 200 - 230 | °C | |
| Nozzle Temperature | 210 - 235 | °C | |
| Processing (Melt) Temp | 200 - 220 | °C | |
| Mold Temperature | 27.0 - 60.0 | °C | |

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