

Salflex 620TIC

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 620TIC is a polypropylene copolymer (PP Copoly) product, which contains 20% talc filler. It can be processed by injection molding and is available in North America. The application fields of Salflex 620TIC include automobile industry, electrical appliances and industrial applications.

| General Information | | | |
|--|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc filler, 20% filler by weight | | |
| Uses | Industrial application | | |
| | Home appliance components | | |
| | Application in Automobile Field | | |
| | Automotive exterior parts | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.04 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15 | g/10 min | ISO 1133 |
| Molding Shrinkage | 0.95 - 1.3 | % | ISO 294-4 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 21.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 4.0 | % | ISO 527-2 |
| Flexural Modulus | 2170 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 9.1 | kJ/m ² | ISO 180/1A |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 61.0 | °C | ISO 75-2/B |
| Additional Information | | | |
| Ash Content, ISO 3451/1A: 21% | | | |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 70.0 - 90.0 | °C | |
| Drying Time | 2.0 - 4.0 | hr | |
| Rear Temperature | 195 - 225 | °C | |
| Middle Temperature | 205 - 235 | °C | |
| Front Temperature | 210 - 240 | °C | |
| Nozzle Temperature | 210 - 240 | °C | |
| Processing (Melt) Temp | 205 - 225 | °C | |
| Mold Temperature | 27.0 - 60.0 | °C | |

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