# Salflex 6010MI2

Thermoplastic Polyolefin Elastomer

Salflex Polymers Ltd.

## Message:

Salflex 6010MI2 is a polyolefin thermoplastic elastomer (TPO (POE)) 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/cm³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 32 | g/10 min | ISO 1133 |
| Molding Shrinkage | 1.6 - 1.7 | % | ISO 294-4 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Stress (Yield) | 16.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 95 | % | ISO 527-2 |
| Flexural Modulus | 680 | MPa | ISO 178 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Notched Izod Impact (23°C) | 51 | kJ/m² | ISO 180/1A |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 63.0 | °C | ISO 75-2/B |
| **Additional Information** | | | |
| Melt Mass-Flow Rate (MFR), ISO 1133, 230°C/2.16 kg: 28 to 35 g/10 min | | | |
| **Injection** | **Nominal Value** | **Unit** | |
| Drying Temperature | 60.0 - 75.0 | °C | |
| Drying Time | 2.0 - 4.0 | hr | |
| Rear Temperature | 190 - 220 | °C | |
| Middle Temperature | 200 - 230 | °C | |
| Front Temperature | 205 - 235 | °C | |
| Nozzle Temperature | 210 - 240 | °C | |
| Processing (Melt) Temp | 200 - 220 | °C | |
| Mold Temperature | 27.0 - 60.0 | °C | |

## Recommended distributors for this material

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