

Michilene F8235

Polypropylene Copolymer

API Polymers, Inc.

Message:

Michilene F8235 is a Polypropylene Copolymer (PP Copolymer) product. It is available in North America. Primary characteristic: copolymer.

| General Information | | | |
|---|---------------|-------------------|-------------|
| Features | Copolymer | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.903 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 35 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 1.4 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 24.8 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 12 | % | ASTM D638 |
| Flexural Modulus - Tangent | 1100 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 85 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 87.8 | °C | |
| 1.8 MPa, Unannealed | 54.4 | °C | |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 82.2 | °C | |
| Drying Time | 3.0 | hr | |
| Suggested Max Moisture | 0.20 | % | |
| Rear Temperature | 216 | °C | |
| Middle Temperature | 216 | °C | |
| Front Temperature | 210 | °C | |
| Nozzle Temperature | 204 | °C | |
| Processing (Melt) Temp | 216 | °C | |
| Mold Temperature | 26.7 | °C | |

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