



Thermylene® P-9900-0712

Asahi Kasei Plastics North America Inc. - Polypropylene

Wednesday, July 29, 2015

General Information

Product Description

PP
Unreinforced

General

| | | | |
|-----------------|--|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-----------------------|-------------|
| Density | 0.910 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 17 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | 4790 | psi | ISO 527-2 |
| Flexural Modulus | 261000 | psi | ISO 178 |
| Flexural Stress | 6670 | psi | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 2.4 | ft·lb/in ² | ISO 179 |
| Notched Izod Impact Strength | 2.7 | ft·lb/in ² | ISO 180/A |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (264 psi, Unannealed) | 140 | °F | ISO 75-2/A |

Notes

¹ Typical properties: these are not to be construed as specifications.