

Thermylene® P-40TC-0759

 Asahi Kasei Plastics North America Inc. - *Polypropylene*
General Information
Product Description

This is a 40% talc-filled Polypropylene compound that is stabilized for interior applications.

General

| | |
|------------------------|---|
| Material Status | • Commercial: Active |
| Availability | • Africa & Middle East • Europe • North America • Asia Pacific • Latin America |
| Filler / Reinforcement | • Talc, 40% Filler by Weight |
| Additive | • Heat Stabilizer |
| Features | • Heat Stabilized |
| Uses | • Automotive Interior Parts |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-----------------------|-------------|
| Density | 1.26 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 21 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | 4350 | psi | ISO 527-2 |
| Flexural Modulus | 725000 | psi | ISO 178 |
| Flexural Stress | 7400 | psi | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (73°F) | 0.95 | ft·lb/in ² | ISO 179 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (264 psi, Unannealed) | 201 | °F | ISO 75-2/A |

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