

Sindustris PP M1601

Polypropylene
Sincerity Australia Pty Ltd.

Message:

Sindustris PP M1601 is a Polypropylene material. It is available in Asia Pacific.
Typical applications include:
Appliances
Automotive
Household Applications

| General Information | | | |
|---|-------------------------|-------------------|-------------------------|
| Uses | Appliance Components | | |
| | Automotive Applications | | |
| | Household Goods | | |
| UL File Number | E306922 | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 25 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 100 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 26.5 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 100 | % | ASTM D638 |
| Flexural Modulus | 1230 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 69 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 105 | °C | ASTM D648 |
| Vicat Softening Temperature | 152 | °C | ASTM D1525 ³ |
| NOTE | | | |
| 1. | 50 mm/min | | |
| 2. | 50 mm/min | | |
| 3. | Loading 1 (10 N) | | |

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