

AURAPENE PPTF20BK

Compounded Polypropylene
Aurora Manufacturing Ltd

Message:

PPTF20BK is a general purpose 20% talc filled polypropylene compound with good UV performance, manufactured from recycled polymer.

| General Information | | | |
|---|---------------------------|----------|-------------|
| Filler / Reinforcement | Talc,20% Filler by Weight | | |
| Recycled Content | Yes | | |
| Features | General Purpose | | |
| | Good UV Resistance | | |
| Uses | General Purpose | | |
| Appearance | Black | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15 to 25 | g/10 min | ISO 1133 |
| Molding Shrinkage | 0.50 to 1.5 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 32.0 | MPa | ISO 527-2 |
| Flexural Modulus | 2300 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | 0.030 | kJ/m² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | > 100 | °C | ISO 306/B50 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | HB | | UL 94 |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 70.0 to 90.0 | °C | |
| Rear Temperature | 195 to 280 | °C | |
| Middle Temperature | 195 to 280 | °C | |
| Front Temperature | 195 to 280 | °C | |
| Mold Temperature | 20.0 to 70.0 | °C | |

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