

TOLEN H233 FF

Polypropylene Homopolymer
SIBUR, LLC

Message:

PP H233 FF is a polypropylene homopolymer with narrow molecular mass distribution. The product features high fluidity, an optimal stabilizing package, balanced physical and mechanical properties, and resistance to discoloration of final products in outdoor conditions.

| General Information | |
|---------------------|--------------------------------------|
| Features | Good Stability |
| | High Flow |
| | Homopolymer |
| | Narrow Molecular Weight Distribution |

| | |
|------|----------------------|
| Uses | Outdoor Applications |
| | Textile Applications |

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-------------------|------------------------------|
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 23 | g/10 min | Internal Method |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress ¹ (Yield) | 30.0 | MPa | Internal Method |
| Tensile Strain ² (Yield) | 11 | % | Internal Method |
| Flexural Modulus ³ | 1400 | MPa | Internal Method |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength (23°C) | 2.0 | kJ/m ² | Internal Method |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 80.0 | °C | Internal Method |
| Vicat Softening Temperature | 156 | °C | Internal Method ⁴ |

| NOTE | |
|------|------------|
| 1. | 50 mm/min |
| 2. | 50 mm/min |
| 3. | 5.0 mm/min |
| 4. | A (10N) |

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