



Hostacom 5340 D T2

Compounded Polyolefin

Product Description

"Hostacom" 5340 D T2 is a 40% mineral filled polypropylene homopolymer. The product is designed for injection molding of washing machine parts and is available in natural color. It is not intended for medical, pharmaceutical or drinking water applications.

Product Characteristics

| | |
|--------------------------------------|---|
| Status | Commercial: Active |
| Test Method used | ISO |
| Availability | Europe, Asia-Pacific |
| Processing Method | Injection Molding |
| Features | Antistatic, High Density, Good Flow, General Purpose, Homopolymer, Good Thermal Aging Resistance, Low Gloss |
| Typical Customer Applications | White Goods |

| Typical Properties | Method | Value Unit |
|---|---------------|---------------------------|
| Physical | | |
| Density | ISO 1183 | 1.25 g/cm ³ |
| Melt flow rate (MFR) (230°C/2.16Kg) | ISO 1133 | 11 g/10 min |
| Melt volume flow rate (230°C/2.16kg) | ISO 1133 | 11 cm ³ /10min |
| Mechanical | | |
| Tensile Modulus (23 °C, Secant) | ISO 527-1, -2 | 2500 MPa |
| Tensile Stress at Yield (50 mm/min) | ISO 527-1, -2 | 22 MPa |
| Tensile Strain at Yield (50 mm/min) | ISO 527-1, -2 | 4,5 % |
| Flexural modulus (Secant) | ISO 178 | 2550 MPa |
| Flexural Stress (3.5 %) | ISO 178 | 35 MPa |
| Impact | | |
| Charpy unnotched impact strength (23 °C, Type 1, Edgewise) | ISO 179 | 50 kJ/m ² |
| (0 °C, Type 1, Edgewise) | | 25 kJ/m ² |
| Charpy notched impact strength (0 °C, Type 1, Edgewise, Notch A) | ISO 179 | 1,5 kJ/m ² |
| (23 °C, Type 1, Edgewise, Notch A) | | 2,2 kJ/m ² |
| Hardness | | |
| Ball indentation hardness (H 358/30) | ISO 2039-1 | 85.0 MPa |
| Thermal | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 90 °C |
| Heat deflection temperature A (1.80 MPa) Unannealed | ISO 75A-1, -2 | 55 °C |

Notes

Typical properties; not to be construed as specifications.