

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) (0 °C, Type 1, Edgewise)	ISO 179	50 kJ/m ²
		25 kJ/m ²
Charpy notched impact strength (0 °C, Type 1, Edgewise, Notch A) (23 °C, Type 1, Edgewise, Notch A)	ISO 179	1,5 kJ/m ²
		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.