

Technical Data Sheet

Hostacom 5340 D T2



Polypropylene Compounds

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.

Application	White Goods
Processing Method	Injection Molding
Attribute	Good Heat Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Density, (23 °C)	1.24	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	2500	MPa	ISO 178
Tensile Modulus, (23 °C)	2600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.2	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	50	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	96	°C	ISO 75B-1, -2
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2