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.

Regulatory Status

For regulatory compliance information, see *Hostacom* 5340 D T2 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific
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/cm³	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/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	50	kJ/m²	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

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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