

Hostacom 5340 D T 2

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" 5340 D T 2 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.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Additive	Antistatic		
Features	Antistatic		
	General Purpose		
	Good Flow		
	Good Thermal Aging Resistance		
	High Density		
	Homopolymer		
	Low Gloss		
Uses	White Goods & Small Appliances		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	85.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	2500	MPa	ISO 527-2
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.5	%	ISO 527-2/50
Flexural Modulus - Secant	2550	MPa	ISO 178
Flexural Stress (3.5% Strain)	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	1.5	kJ/m²	
23°C	2.2	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU

0°C	25	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	90.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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