

Hostacom 5340 D T 2 S

Compounded Polyolefin

Product Description

Hostacom 5340 D T 2 S is an over 40% natural filler PP homopolymer, with medium melt flow rate, good impact/stiffness balance and good rigidity. The product is available as natural, pellet form.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Melt flow rate, impact/stiffness balance, rigidity.
Typical Customer Applications	Used for structural parts.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	11	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.25	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	2500	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	22	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4.5	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	50	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	22	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.2	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	95	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	55	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

