

Basell - Hostacom TBC 172N - Compounded Polyolefin



Hostacom TBC 172N

Compounded Polyolefin

Product Description

"Hostacom" TBC 172N is a UV stabilised, 20 % mineral filled, impact modified polypropylene copolymer for injection moulding. It combines an excellent flowability with high stiffness/medium impact properties.

The grade has been specifically designed for moulding of large complex parts that require excellent low temperature ductility combined good dimensional stability, like instrument panels. The material is laser-scoreable.

The grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Dimensional Stability, Good, Flow, Medium, Impact Resistance, High, Rigidity, High

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.05	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	5	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18	MPa
Flexural modulus (Secant)	ISO 178	1650	MPa
Impact			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A)		60	kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		6	kJ/m ²
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	50	°C

Notes

Typical properties; not to be construed as specifications.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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