Hostacom TBC 172N

Polypropylene Copolymer

LyondellBasell Industries

Message:

"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.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Impact Modifier UV Stabilizer		
Features	Copolymer Ductile Good Dimensional Stability Good Stiffness High Impact Resistance High Rigidity Impact Modified Laser Markable Medium Flow		
Uses	Automotive Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1650	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m²	
23°C	60	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			

0.45 MPa, Unannealed	90.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A

Recommended distributors for this material

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