

Hostacom Premium TBC 141N

Polyolefin

LyondellBasell Industries

Message:

Low density highly scratch resistant grade with excellent low temperature impact for interior trim parts.

General Information			
Features	Low Density		
	Low Temperature Impact Resistance		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ISO 1133
Molding Shrinkage ¹			ISO 2554
Across Flow : 23°C, 48 hr	0.90	%	
Flow : 23°C, 48 hr	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	500	%	ISO 527-2/50
Flexural Modulus ² (23°C)	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	9.0	kJ/m ²	
23°C	70	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	135	°C	ISO 306/A50
NOTE			
1.	40 bar, plaques		
2.	2.0 mm/min		

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