

Hostacom TKC451N

Polyolefin

LyondellBasell Industries

Message:

TKC451N is a very high scratch resistant high stiffness grade with good impact for interior automotive applications

General Information			
Features	Good Impact Resistance		
	Good Moldability		
	Good Stiffness		
	Pleasing Surface Appearance		
	Scratch Resistant		
Uses	Automotive Instrument Panel		
	Automotive Interior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	3.0	kJ/m ²	
23°C	20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	108	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	130	°C	ISO 306/A50
--	48.0	°C	ISO 306/B50

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