

Hostacom TKC 270N

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom TKC 270N is a 14% mineral filled polypropylene copolymer for injection moulding. It combines good processability with excellent stiffness/ impact properties, and offers good scratch resistance. The grade has been specifically designed for automotive interior trim applications. This grade is available in custom color matched, pellet form.

General Information			
Filler / Reinforcement	Mineral, 14% Filler by Weight		
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2/50
Flexural Modulus - Secant (23°C)	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	3.5	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	90.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A

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