

Hostacom TKC 235N

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom TKC 235N is a 18% mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with excellent stiffness/impact properties. The grade has been specifically designed for interior trim applications. The grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,18% Filler by Weight		
Features	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Moldability		
	High Rigidity		
	Non-Toxic		
Uses	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	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)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	70	%	ISO 527-2
Flexural Modulus	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	95.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A

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