

Hostacom EKC 425N

Polypropylene

LyondellBasell Industries

Message:

Hostacom EKC 425N is a 15% mineral filled impact polypropylene compound.

The grade exhibits a good balance Stiffness / Impact & offers good Surface Appearance with an excellent Scratch Resistance.

The product is designed and suitable for automotive Interior Applications requiring Low Emission / Low odour performances.

Typical applications are injected Instrument Panels.

This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Features	Good Impact Resistance		
	Good Stiffness		
	Good Surface Finish		
	Low Emissions		
	Low to No Odor		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Instrument Panel		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.0	kJ/m²	
23°C	25	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	56.0	°C	ISO 75-2/A

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