

Hostacom EKC 261N

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hostacom EKC261N is a low density injection moulding grade, is a high impact filled polypropylene copolymer with good mouldability, specially designed for excellent impact strength as well as good appearance, stiffness and scratch resistance. Advanced technologies allowed for a significant reduction of the mineral filler compared to current standard grades, which contributes to the reduction of final part weight. The grade is available in custom colour, pellet form. This grade is designed to give low carbon emissions.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Moldability		
	Good Stiffness		
	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
	Low Density		
	Non-Toxic		
	Pleasing Surface Appearance		
	Scratch Resistant		
	Uses	Automotive Applications	
Automotive Interior Parts			
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
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)	22.0	MPa	ISO 527-2
Tensile Strain (Break)	70	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	3.0	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B

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