

Hostacom EKC485N

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom EKC 485N is a UV stabilised, 15 % 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 with higher impact and scratch resistance requirements.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Flow		
	Good Processability		
	Good Stiffness		
	Good Surface Finish		
	High Impact Resistance		
	Medium Gloss		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	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)	1900	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
1.8 MPa, Unannealed	56.0	°C	ISO 75-2/A

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