

Hostacom EKC 170N C12470

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom EKC 170N is a mineral filled polypropylene copolymer, high flow, good stiffness-impact balance, good UV-resistance, low odour, fogging & carbon-emission. The grade has been designed for the moulding large complex parts that requires good dimensional stability. The grade is available in customized colour, pellet form.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	Good Toughness		
	Good UV Resistance		
	High Flow		
	Low to No Fogging		
	Low to No Odor		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
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)	11	g/10 min	ISO 1133
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa,
Unannealed)

51.0

°C

ISO 75-2/A

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Recommended distributors for this material

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