

Hostacom EKC 265N

Polypropylene
LyondellBasell Industries

Message:

Hostacom EKC 265N is a 20% mineral filled PP compound. Excellent scratch and mar properties, very low stress whitening. High flow, good stiffness/impact balance. High UV-resistance. Low odor, fogging & carbon emission. Used for interior trim applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
	High Flow		
	Low to No Fogging		
	Low to No Odor		
	Scratch Resistant		
	Stress Whitening Resistant		
Uses	Automotive Applications		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	18.0	cm³/10min	ISO 1133
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1950	MPa	ISO 527-2
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus - Secant	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m²	
0°C	6.0	kJ/m²	
23°C	15	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU

-30°C	35	kJ/m ²	
0°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A

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