

Hostacom EPKC10ZC

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom EPKC10ZC medium high melt flow, 2,500 MPa flexural modulus, UV-stabilized, precolored, mineral-filled polypropylene copolymer has a good balance of stiffness, impact resistance, weatherability and processability. It was designed primarily for automotive exterior applications.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Good Surface Finish		
	Good UV Resistance		
	Good Weather Resistance		
	High Rigidity		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Automotive Interior Parts		
Appearance	Unspecified Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	67		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	1.8	kJ/m²	
-30°C	1.9	kJ/m²	
10°C	3.1	kJ/m²	

23°C	4.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	113	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A

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