

Hostacom ERC 463N C11323

Polypropylene
LyondellBasell Industries

Message:

Hostacom ERC 463N C11323 is a 10% mineral filled, polypropylene grade for injection molding.
The grade features high flow and high stiffness while containing low content of fillers.
The grade has been specifically designed for interior trim applications. The low density concept contributes to the reduction of final part weight.
The grade features good scratch resistance and low odor.
The grade is available in coloured, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	High Flow		
	High Stiffness		
	Low to No Odor		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C	4.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A

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