

Hostacom ERC 450N C11539

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom ERC 450N is a 10% talc filled PP copolymer compound with superior flowability, low density, excellent scratch resistance, offering low odour and low emissions performances. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight.

This product is also available in other colors, new colors can be developed depending on customer requirements.

For regulatory compliance information, see Hostacom ERC 450N C11539 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 10% filler by weight		
Features	Low VOC		
	Low volatilization		
	Low density		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good UV resistance		
	Workability, good		
	Good liquidity		
	Good color stability		
	Good wear resistance		
	High liquidity		
	Scratch resistance		
	The smell is low to none		
	Excellent appearance		
Uses	Application in Automobile Field		
	Car interior parts		
	Car dashboard		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.980	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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