

Hostacom EYC 136N

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" EYC 136N is an UV stabilised, 15 % mineral filled polypropylene copolymer for injection moulding. It combines an excellent flowability with high stiffness, thermal and dimensional stability and excellent scratch resistance.

Advanced technologies allowed for a significant reduction of the mineral filler compared to current standard grades, which contributes to the reduction of the final part weight.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	High Flow		
	High Rigidity		
	Medium Impact Resistance		
Uses	Automotive Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.5	MPa	ISO 527-2/50
Flexural Modulus - Secant	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.5	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	103	°C	ISO 75-2/B
1.8 MPa, Unannealed	57.0	°C	ISO 75-2/A

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