

Hostacom EYC 772N

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom EYC 772N very high melt flow, mineral-filled polypropylene copolymer has a good balance of properties and processability. It was designed primarily for automotive interior applications that require high rigidity and good scratch and mar resistance.

General Information			
Filler / Reinforcement	Mineral		
Features	Copolymer		
	Good Colorability		
	Good Dimensional Stability		
	Good Moldability		
	Good Weather Resistance		
	High Flow		
	High Rigidity		
	Pleasing Surface Appearance		
	Scratch Resistant		
	Uses	Automotive Applications	
Automotive Interior Parts			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792A, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	25.0	MPa	ASTM D638
Yield	25.0	MPa	ISO 527-2
Tensile Elongation			
Yield	4.5	%	ASTM D638
Yield	4.0	%	ISO 527-2
Break ²	18	%	ASTM D638
Flexural Modulus			
--	2500	MPa	ASTM D790
--	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.0	kJ/m ²	ISO 180

Gardner Impact	12.5	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	108	°C	ASTM D648
0.45 MPa, Unannealed	112	°C	ISO 75-2/B
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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