

Hostacom EYS 349N

Polypropylene Copolymer
LyondellBasell Industries

Message:
PP copolymer, very high flow, (controlled rheology). low warpage. Used for automotive interior applications.

General Information			
Features	Controlled Rheology		
	Copolymer		
	High Flow		
	Low Warpage		
Uses	Automotive Applications		
	Automotive Interior Parts		
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	54.0	cm ³ /10min	ISO 1133
Molding Shrinkage	1.5 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	55.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1050	MPa	ISO 527-2
Tensile Stress (Yield)	23.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
0°C	4.0	kJ/m ²	ISO 179/1e
23°C	5.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	74.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	60.0	°C	ISO 306

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