

Hifax BC 72 A/1 3001

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax BC 72 A/1 3001 is a 15% talc filled PP copolymer, with good flowability, high stiffness and medium impact properties. Product is available as a customized color matched, pellet form. This grade is delivered in 3001 color version.

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

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Features	Good dimensional stability		
	Rigidity, high		
	Rigid, good		
	Impact resistance, good		
	Good liquidity		
	Medium impact resistance		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.5	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1850	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	2.0	kJ/m²	ISO 179/1eA
23°C	6.5	kJ/m²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	2.5	kJ/m²	ISO 180/1A
23°C	7.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	98.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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