

Hostacom G4 R01

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom G4 R01 is a 40% glass fiber reinforced PP homopolymer chemically coupled. It combines excellent stiffness properties with good dimensional stability.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Chemically Coupled		
	Good Dimensional Stability		
	Good Heat Aging Resistance		
	High Stiffness		
	High Tensile Strength		
	Homopolymer		
	Low Flow		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Structural Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	3.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	102	MPa	ISO 527-2
Flexural Modulus (23°C)	8700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m²	ISO 179/1

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