

Hostacom G2 N02

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom G2 N02 is a glass fiber reinforced PP homopolymer with low melt flow rate.

General

Uses	• Automotive Applications
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density			
73°F	1.05	g/cm ³	ISO 1183
73°F	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	5.5	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	653000	psi	ISO 527-1
Tensile Stress			
Yield, 73°F	9430	psi	ISO 527-2
Yield, 73°F	10200	psi	ISO 527-2/50
Tensile Strain (Yield, 73°F)	4.0	%	ISO 527-2
Flexural Modulus			
73°F	638000	psi	ISO 178
73°F ²	580000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
73°F	4.8	ft·lb/in ²	ISO 179
73°F	4.8	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	19	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	266	°F	ISO 75-2/B
Vicat Softening Temperature	257	°F	ISO 306/B50

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type 1A