

Hostacom G3 N01 102297

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom G3 N01 102297 is a 30% glass fiber reinforced PP homopolymer, with low flowability, high stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low creep under load at elevated temperatures. The product is available in black color, pellet form.

General

Features	• Creep Resistant	• High Stiffness	• Low Flow
Uses	• Automotive Applications	• Automotive Under the Hood	
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.13	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	5.0	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)	914000	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	12800	psi	ISO 527-2
Tensile Strain (Break, 73°F)	3.2	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-22°F	3.6	ft·lb/in ²	
73°F	4.8	ft·lb/in ²	
Charpy Unnotched Impact Strength (73°F)	21	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	• 289	°F	
	• 284		
Vicat Softening Temperature	275	°F	ISO 306/B50