

Hostacom G3 R05N B6A Rivian Blk

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom G3 R05N B6A Rivian Blk is a 30% glass fiber reinforced PP homopolymer with excellent stiffness, good dimensional stability and low creep under load at elevated temperatures. This product is available in black color pellet form.

General

Features	• Creep Resistant	• Good Dimensional Stability	• High Stiffness
Uses	• Automotive Applications	• Structural Parts	
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	1.02E+6	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	14200	psi	ISO 527-2
Flexural Modulus (73°F)	1.04E+6	psi	ISO 178
Flexural Stress ² (73°F)	21000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	320	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	293	°F	ISO 75-2/A

Notes

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

² Type 1A