

Technical Data Sheet

Hostacom G2 N02

Polypropylene Compounds

Product Description

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

Application Automotive Parts

Market Automotive

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	1.0	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	5.5	cm ³ /10 min	ISO 1133-1
Density			
(23 °C)	1.05	g/cm ³	ISO 1183-1
(23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus			
(23 °C)	4400	MPa	ISO 178
(23 °C, Tech. A)	4000	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4500	MPa	ISO 527-1, -2
Tensile Stress at Yield			
(23 °C)	65	MPa	ISO 527-1, -2
(23 °C, 50 mm/min)	70	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	4	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m ²	ISO 179-1/1eA
(23 °C)	10	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	125	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	130	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			