

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.

Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Application			
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	cm³/10 min	ISO 1133-1
Density			
(23 °C)	1.05	g/cm³	ISO 1183-1
(23 °C)	1.05	g/cm³	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/m²	ISO 179-1/1eA
(23 °C)	10	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m²	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.			

