

Technical Data Sheet

Hostacom G3 N01 2003



Polypropylene Compounds

Product Description

Hostacom G3 N01 2003 is a 30% glass fiber reinforced PP homopolymer with low flowability and high stiffness. Product is available as non color matched, black, pellet form.

Regulatory Status

For regulatory compliance information, see Hostacom G3 N01 2003 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Creep Resistance; High Stiffness; Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	4.5	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	6600	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	85	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	11	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	135	°C	ISO 75A-1, -2

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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