

# Hostacom HYG 400-2 BLACK

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Hostacom HYG 400-2 BLACK is a 20% glass fiber reinforced PP homopolymer, with very high flowability, low emissions and high stiffness. The product is also available in black color, pellet form.

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

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Low volatilization		
	Rigidity, high		
	Homopolymer		
	High liquidity		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	60.0	cm <sup>3</sup> /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness <sup>1</sup>	115	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4800	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	6.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A
NOTE			
1.	358N		

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