

# Hostacom X G3 U12

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom X G3 U12 is a mixed filler grade, PP copolymer, with a 20% of glass fiber reinforcing and a 10% of mica functional filling, with a high flowability, high stiffness and low creep under load at elevated temperatures. The product is available as natural, 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		
	Mica filler, 10% filler by weight		
Features	Rigidity, high		
	Copolymer		
	Good creep resistance		
	High liquidity		
	General		
Uses	General		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.11	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	17.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4500	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	4.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	142	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B

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Recommended distributors for this material

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