

Hostacom X G3 U10 100001

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom X G3 U10 is a 30% glass coupled PP homopolymer with high flow, high stiffness, low creep under load at elevated temperatures.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Creep Resistance		
	High Stiffness		
	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	15.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	6500	MPa	ISO 527-2
Tensile Stress (Yield)	80.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306/A50

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