

UBESTA 3020GX6

Polyamide 12

UBE Industries, Ltd.

Message:

Reinforced with glass fiber, conductive

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Conductive		
Forms	Pellets		
Part Marking Code	>PA12-(GF+CF)<		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	0.60	%	
Flow	0.10	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	125	MPa	ISO 527-2
Tensile Strain (Break)	6.0	%	ISO 527-2
Flexural Modulus	8100	MPa	ISO 178
Flexural Stress	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	21	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	177	°C	ISO 75-2/B
1.8 MPa, Unannealed	165	°C	ISO 75-2/A
CLTE - Flow	2.0E-5	cm/cm/°C	ISO 11359-2

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