

UBESTA 3024GC6

Polyamide 12
UBE Industries, Ltd.

Message:
Reinforced with glass fiber

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Forms	Pellets		
Part Marking Code	>PA12-GF30<		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	0.80	%	
Flow	0.20	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	115	MPa	ISO 527-2
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	5800	MPa	ISO 178
Flexural Stress	170	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	30	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	160	°C	ISO 75-2/A
CLTE - Flow	3.0E-5	cm/cm/°C	ISO 11359-2

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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