

DOMAMID® A1-025-B30-N

Polyamide 6

DOMO Engineering Plastics GmbH

Message:

Polyamide 6, 30% glass bead reinforced, natural

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	100	cm ³ /10min	ISO 1133
Molding Shrinkage ¹			ISO 294-4
Across Flow : 23°C, 72 hr	1.5	%	
Flow : 23°C, 72 hr	1.7	%	
Viscosity Number (H2SO4 (Sulphuric Acid))	145	cm ³ /g	ISO 307
Ash Content (650°C)	30	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	75.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	14	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	221	°C	ISO 11357-3
NOTE			

1. 50%RH, between 16 to 72 hrs

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Recommended distributors for this material

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