

GLAMIDE™ NB-3560A

TOYOBO MC Corporation - Polyamide 6 + PP

General Information

Product Description

GF Reinforced, Alloy

General

Material Status	• Commercial: Active
Filler / Reinforcement	• Glass Fiber, 35% Filler by Weight
Features	• Low Specific Gravity • Low to No Water Absorption
Uses	• Automotive Applications • General Purpose • Automotive Exterior Parts • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6+PP-GF35<
Revision Date	• 8/21/2025

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Flow : 2.00 mm	0.20	%	
Across Flow : 2.00 mm	0.40	%	
Water Absorption (24 hr, 23°C)	0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	140	MPa	ISO 527
Tensile Elongation (Break)	2.3	%	ISO 527
Flexural Modulus	9900	MPa	ISO 178
Flexural Strength	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	185	°C	ISO 75-2/B
1.8 MPa, Unannealed	155	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	IEC 60250



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Processing Information		
Injection		Unit
Drying Temperature	100 to 120	°C
Drying Time	3.0 to 5.0	hr
Hopper Temperature	230 to 250	°C
Middle Temperature	240 to 270	°C
Front Temperature	240 to 270	°C
Nozzle Temperature	240 to 270	°C
Mold Temperature	60 to 100	°C

Notes

¹ 100×100×2mmt, film gate

