GLAMIDE™ TY-155GH

TOYOBO MC Corporation - Polyamide 6

General Information

Product Description		
GF Reinforced		
General		
Material Status	• Commercial: Active	
Filler / Reinforcement	• Glass Bead\Glass Fiber, 30% Filler by Weight	
Features	• Low Warpage	• Pleasing Surface Appearance
Uses	• Automotive Applications • Automotive Exterior Parts	• General Purpose • Industrial Applications
Forms	• Pellets	
Processing Method	• Injection Molding	
Part Marking Code (ISO 11469)	• >PA6-(GF+GB)30<	
Revision Date	• 9/5/2025	

ASTM & ISO Properties

Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.36	g/cm³	ISO 1183
Molding Shrinkage [1]			Internal Method
Flow : 2.00 mm	0.20	%	
Across Flow : 2.00 mm	0.60	%	
Water Absorption (24 hr, 23°C)	1.5	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress	140	MPa	ISO 527-2
Tensile Strain (Break)	2.2	%	ISO 527-2
Flexural Modulus	7200	MPa	ISO 178
Flexural Stress	215	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	190	°C	ISO 75-2/A
Additional Information			
65% equilibrium relative humidity			

GLAMIDE™ TY-155GH

TOYOBO MC Corporation - Polyamide 6

Processing Information		
Injection		**Unit**
Drying Temperature	100 to 120	°C
Drying Time	3.0 to 5.0	hr
Hopper Temperature	230 to 270	°C
Middle Temperature	240 to 280	°C
Front Temperature	240 to 280	°C
Nozzle Temperature	240 to 280	°C
Mold Temperature	80 to 100	°C

Notes

[1] 100×100×2mmt, film gate