

GLAMIDE™ T-808

TOYOBO MC Corporation - Polyamide 6

General Information

Product Description

Non-Reinforced, Flame Retardant

General

Material Status	• Commercial: Active
Features	• Flame Retardant
Uses	• Automotive Applications • General Purpose • Electrical/Electronic Applications • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6-FR<
Revision Date	• 9/5/2025

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Flow : 2.00 mm	1.0	%	
Across Flow : 2.00 mm	1.1	%	
Water Absorption (24 hr, 23°C)	1.5	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	70.0	MPa	ISO 527
Tensile Elongation (Break)	> 5.0	%	ISO 527
Flexural Modulus	3800	MPa	ISO 178
Flexural Strength	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.9	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2
0.45 MPa, Unannealed	195	°C	
1.8 MPa, Unannealed	85.0	°C	

Processing Information

Injection	Unit
Drying Temperature	100 to 120 °C
Drying Time	3.0 to 5.0 hr
Hopper Temperature	230 to 240 °C
Middle Temperature	240 to 270 °C
Front Temperature	240 to 270 °C
Nozzle Temperature	240 to 270 °C
Mold Temperature	70 to 90 °C

Notes

¹ 100×100×2mmt, film gate