

GLAMIDE™ T-222SA

TOYOBO MC Corporation - Polyamide 6

General Information

Product Description

Non Reinforced

General

Material Status	• Commercial: Active
Features	• High Impact Resistance
Uses	• Automotive Applications • General Purpose • Automotive Exterior Parts • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6-I<
Revision Date	• 9/4/2025

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Flow : 2.00 mm	1.6	%	
Across Flow : 2.00 mm	1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	35.0	MPa	ISO 527
Tensile Elongation (Break)	> 50	%	ISO 527
Flexural Modulus	900	MPa	ISO 178
Flexural Strength	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	70.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	IEC 60250

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	20 to 80 °C

