

GLAMIDE™ T-423

TOYOBO MC Corporation - Polyamide 6

General Information

Product Description

MD Reinforced

General

Material Status	• Commercial: Active
Filler / Reinforcement	• Mineral, 35% Filler by Weight
Features	• Good Dimensional Stability • Pleasing Surface Appearance
Uses	• Automotive Applications • General Purpose • Automotive Exterior Parts • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6-MD35<
Revision Date	• 9/4/2025

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Flow : 2.00 mm	0.30	%	
Across Flow : 2.00 mm	0.40	%	
Water Absorption (24 hr, 23°C)	1.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	80.0	MPa	ISO 527
Tensile Elongation (Break)	2.2	%	ISO 527
Flexural Modulus	6400	MPa	ISO 178
Flexural Strength	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.7	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	200	°C	ISO 75-2/B
1.8 MPa, Unannealed	130	°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	240 to 260	°C
Middle Temperature	260 to 280	°C
Front Temperature	260 to 280	°C
Nozzle Temperature	260 to 280	°C
Mold Temperature	60 to 90	°C

Notes

¹ 100×100×2mmt, film gate

