GLAMIDE™ T-656E

TOYOBO MC Corporation - Polyamide 66

General Information

Product Description		
Non-Reinforced		
General		
Material Status	• Commercial: Active	
Features	• Wear Resistant	
Uses	• Automotive Applications • Automotive Exterior Parts	• General Purpose • Industrial Applications
Forms	• Pellets	
Processing Method	• Injection Molding	
Part Marking Code (ISO 11469)	• >PA66<	
Revision Date	• 9/4/2025	

ASTM & ISO Properties

Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.12	g/cm³	ISO 1183
Molding Shrinkage [1]			Internal Method
Flow : 2.00 mm	1.6	%	
Across Flow : 2.00 mm	2.2	%	
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)	> 30	%	ISO 527
Flexural Modulus	2400	MPa	ISO 178
Flexural Strength	95.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-40°C	9.0	kJ/m²	
23°C	11	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			
0.45 MPa, Unannealed	210	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A
CLTE - Flow	8.1E-5	cm/cm/°C	ISO 11359-2
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
Middle Temperature	270 to 290	°C
Front Temperature	270 to 290	°C
Nozzle Temperature	270 to 290	°C
Mold Temperature	80 to 100	°C

Notes

[1] 100×100×2mmt, film gate