

GLAMIDE™ TY-665C

TOYOBO MC Corporation - Polyamide MXD6 + PA 66

General Information

Product Description

CF Reinforced

General

Material Status	• Commercial: Active
Filler / Reinforcement	• Carbon Fiber, 36% Filler by Weight
Uses	• Automotive Applications • Automotive Exterior Parts • General Purpose • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PAMXD6+PA66-CF36<
Revision Date	• 8/21/2025

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Water Absorption ¹ (24 hr, 23°C)	0.92	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	287	MPa	ISO 527
Tensile Elongation (Break)	1.3	%	ISO 527
Flexural Modulus	31300	MPa	ISO 178
Flexural Strength	430	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-40°C	5.1	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow	4.1E-6	cm/cm/°C	
Transverse	4.9E-5	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.1E+3	ohms·cm	IEC 60250

Notes

¹ 23C/65RH