

Generic TPU, Unspecified - Glass Fiber, Long

Thermoplastic Polyurethane Elastomer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic TPU, Unspecified - Glass Fiber, Long
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Long glass fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42 - 1.63	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6890 - 20000	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.5	%	ASTM D638
Flexural Modulus (23°C)	6210 - 20000	MPa	ASTM D790
Flexural Strength (23°C)	221 - 362	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	270 - 640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0 - 143	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	79.4 - 82.4	°C	
Rear Temperature	216 - 246	°C	
Middle Temperature	218 - 252	°C	
Front Temperature	218 - 257	°C	
Nozzle Temperature	248 - 253	°C	
Processing (Melt) Temp	249 - 257	°C	
Mold Temperature	65.6 - 80.6	°C	
Injection instructions			

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Recommended distributors for this material

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