

TEKALOY™ T80GFR

Acrylonitrile Butadiene Styrene + PBT
Mando Advanced Materials Co., Ltd.

Message:

TEKALOY™ T80GFR is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 30% glass fiber. It is available in Asia Pacific.
Characteristics include:
Flame Rated
Halogen Free

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.20	%	
Across Flow	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	127	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8040	MPa	ASTM D790
Flexural Strength	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	74	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	202	°C	
1.8 MPa, Unannealed	172	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	70.0 to 90.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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