

TEKASTER™ F101M

Polybutylene Terephthalate
Mando Advanced Materials Co., Ltd.

Message:

TEKASTER™ F101M is a Polybutylene Terephthalate (PBT) product. It is available in Asia Pacific.
Characteristics include:
Flame Rated
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	49.0	MPa	ASTM D638
Tensile Elongation (Break)	> 120	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Flexural Strength	70.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	153	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	120 to 140	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	230 to 270	°C	
Middle Temperature	210 to 260	°C	
Front Temperature	200 to 250	°C	
Nozzle Temperature	230 to 270	°C	
Processing (Melt) Temp	230 to 250	°C	
Mold Temperature	60.0 to 80.0	°C	
Injection Pressure	39.2 to 132	MPa	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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