

TEKASTER™ F101FR

Polybutylene Terephthalate
Mando Advanced Materials Co., Ltd.

Message:

TEKASTER™ F101FR is a Polybutylene Terephthalate (PBT) product. It is available in Asia Pacific. Primary characteristic: flame retardant.

General Information			
Features		Flame Retardant	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.8	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2750	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	168	°C	
1.8 MPa, Unannealed	70.0	°C	
Injection	Nominal Value	Unit	
Drying Temperature	110 to 130	°C	
Drying Time	3.0 to 5.0	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	40.0 to 60.0	°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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