

# TEKANATE™ G720

Polycarbonate

Mando Advanced Materials Co., Ltd.

## Message:

TEKANATE™ G720 is a Polycarbonate (PC) product filled with 20% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	98.1	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5300	MPa	ASTM D790
Flexural Strength	142	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	144	°C	ASTM D648
Peak Melting Temperature	270 to 330	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0 to 8.0	hr	
Rear Temperature	290 to 330	°C	
Middle Temperature	280 to 315	°C	
Front Temperature	270 to 300	°C	
Nozzle Temperature	300 to 340	°C	
Mold Temperature	80.0 to 115	°C	
Injection Pressure	98.1 to 157	MPa	

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Recommended distributors for this material

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