

TEKANATE™ G7020

Polycarbonate

Mando Advanced Materials Co., Ltd.

Message:

TEKANATE™ G7020 is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Asia Pacific.

General Information			
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.5	MPa	ASTM D638
Tensile Elongation (Break)	140	%	ASTM D638
Flexural Modulus	2080	MPa	ASTM D790
Flexural Strength	90.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	> 130	°C	
1.8 MPa, Unannealed	> 130	°C	
Peak Melting Temperature	270 to 300	°C	ASTM D2133
Injection	Nominal Value	Unit	
Mold Temperature	110 to 120	°C	

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Recommended distributors for this material

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