

TEKANATE™ G7010

Polycarbonate

Mando Advanced Materials Co., Ltd.

Message:

TEKANATE™ G7010 is a Polycarbonate (PC) product. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Features		General Purpose	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	63.3	MPa	ASTM D638
Tensile Elongation (Break)	140	%	ASTM D638
Flexural Modulus	2090	MPa	ASTM D790
Flexural Strength	91.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	880	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
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94
Injection	Nominal Value	Unit	
Mold Temperature	110 to 120	°C	

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Recommended distributors for this material

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