

# RJM SD101G20-W

Polycarbonate

RJM International, Inc.

Message:

RJM SD101G20-W is a Polycarbonate (PC) product filled with 20% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.  
Characteristics include:  
Flame Rated  
Flame Retardant  
Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	PTFE Lubricant		
Features	Flame Retardant		
	Lubricated		
Uses	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	98.1	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5390	MPa	ASTM D790
Flexural Strength	123	MPa	ASTM D790
Taber Abrasion Resistance	12.0	mg	ASTM D1044
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	142	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	250 to 310	°C	
Mold Temperature	120	°C	

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