

# RJM SC101

Polycarbonate  
RJM International, Inc.

Message:

RJM SC101 is a Polycarbonate (PC) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.

Characteristics include:

Flame Rated  
Lubricated

General Information			
Additive	PTFE Lubricant (10%)		
Features	Lubricated		
Uses	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.8	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	90.2	MPa	ASTM D790
Taber Abrasion Resistance	7.00	mg	ASTM D1044
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	134	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	250 to 310	°C	
Mold Temperature	80.0	°C	

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Recommended distributors for this material

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