

# RJM SB301

Polybutylene Terephthalate

RJM International, Inc.

## Message:

RJM SB301 is a Polybutylene Terephthalate (PBT) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch. Primary characteristic: flame rated.

General Information			
Uses	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.7 to 2.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	53.9	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	60	°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	240 to 265	°C	
Mold Temperature	65.0	°C	

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## Recommended distributors for this material

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WECHAT