

# KMI PBS KM803S

Polybutylene Succinate

KMI Group Inc.

## Message:

KMI PBS KM803S is a Polybutylene Succinate (PBS) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of KMI PBS KM803S include business/office goods, consumer goods and kitchenware. Primary characteristic: eco-friendly/green.

General Information			
Features	Biodegradable		
Uses	Disposable Tableware		
	Toys		
	Writing Instruments		
Appearance	White		
	Yellow		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.28	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	< 20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0 to 45.0	MPa	ISO 527-2
Tensile Strain (Break)	> 300	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 5.0	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 90.0	°C	ISO 868
Melting Temperature (DSC)	110 to 116	°C	DSC

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## Recommended distributors for this material

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