

KMI PBS KM802

Polybutylene Succinate

KMI Group Inc.

Message:

KMI PBS KM802 is a Polybutylene Succinate (PBS) product. It can be processed by extrusion or sheet extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Sheet. Primary characteristic: eco-friendly/green.

General Information	
Features	Biodegradable
Uses	Sheet
Appearance	White
	Yellow
Forms	Granules
Processing Method	Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.28	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	< 15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0 to 25.0	MPa	ISO 527-2
Tensile Strain (Break)	> 300	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0 to 12	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 60.0	°C	ISO 868
Melting Temperature (DSC)	85.0 to 95.0	°C	DSC

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WECHAT