

KMI PBAT KM801

Polybutylene Adipate-Co-Terephthalate

KMI Group Inc.

Message:

KMI PBAT KM801 is a Polybutylene Adipate-Co-Terephthalate (PBAT) product. It can be processed by blow molding or blown film and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of KMI PBAT KM801 include film and hose/tubing. Primary characteristic: eco-friendly/green.

General Information	
Features	Biodegradable
Uses	Blow Molding Applications
	Film
	Hose
Appearance	White
	Yellow
Forms	Granules
Processing Method	Blow Molding
	Blown Film

Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.28	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	< 8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10.0 to 20.0	MPa	ISO 527-2
Tensile Strain (Break)	> 300	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 12	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 80.0	°C	ISO 868
Melting Temperature (DSC)	110 to 120	°C	DSC

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