

## Bapolene® 83 Polyethylene Terephthalate

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

### Material Notes:

Applications: Personal care, household, liquor and food containers. All data is based on molded plaques.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bapolene-83-Polyethylene-Terephthalate.php](http://www.lookpolymers.com/polymer_Bapolene-83-Polyethylene-Terephthalate.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in <sup>3</sup>	Pycnometer
Viscosity Measurement	0.83	0.83	+/-0.02 Internal Measurement
Crystallinity	>= 50 %	>= 50 %	Pycnometer

Thermal Properties	Metric	English	Comments
Melting Point	122 °C	252 °F	Internal Measurement

Chemical Properties	Metric	English	Comments
Acetaldehyde	<= 2.00 ppm	<= 2.00 ppm	GC
Diethylene Glycol	<= 1.8 %	<= 1.8 %	GC
Carboxyl End Groups	<= 35 meq/kg	<= 35 meq/kg	In-house Measurement

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.30 %	<= 0.30 %	Measured as produced; Karl Fisher Titration

Descriptive Properties	Value	Comments
Process	Blow Molding	
	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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