



BAPOLENE®

POLYETHYLENE TEREPHTHALATE

BAPOLENE® 83

PET

Description: Bapolene® 83 is a copolymer resin with a slow rate of crystallization and superior optical and dimensional stability properties.

Application: Personal care, household, liquor and food containers.

Values reported are typical and should not be interpreted as specification.

All data are based on molded plaques.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Intrinsic viscosity	0.83 ± 0.02	In-house Measurement
Density, g/cm ³	1.39 (Min)	Pycnometer
Crystallinity, %	50 (Min)	Pycnometer

PROPERTIES

Acetaldehyde, ppm	2.0 Max	GC
Diethylene Glycol, wt %	1.8 Max	GC
Carboxyl End Groups, meq/kg	35 Max	In-house Measurement
Moisture Content <small>Measured as produced, %</small>	0.3 Max	Karl Fisher Titration
Melting Point <small>Max, °F (°C)</small>	486 (252) Max	In-house Measurement

THIS PRODUCT DATA SHEET EFFECTIVE SEPTEMBER 2010 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

BAMBERGER POLYMERS

Two Jericho Plaza, Jericho, New York, 11753, U.S.A. / Tel: 516-622-3600 / Fax: 516-622-3620 / Email: bpinfo@bapoly.com

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