



BAPOLENE®

POLYPROPYLENE BAPOLENE® 4082 INJECTION MOLDING

Description: Bapolene® 4082 is a homopolymer polypropylene for general purpose injection molding applications. This material meets the requirements of the US FDA as specified in 21 CFR 177.1520¹.

Application: Closures, housewares, and TWIM.

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
Melt Index ¹ , g/10 min.	35.0	D-1238
Density, g/cm ³	0.905	D-1505
PROPERTIES		
Tensile Strength @ Yield, psi (MPa)	4,900 (34)	D-638
Elongation @ Yield, %	10	D-638
Flexural Modulus ^{1% Secant} , psi (MPa)	205,000 (1,413)	D-790A
IZOD ^{Notched @ 23°C} , ft-lb _i /in (J/m)	0.4 (21)	D-256

¹ End use and/or migration limitations may apply.

² 230°C/2,160 g

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2009 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

Bamberger Polymers does not guarantee the applicability or the accuracy of the information contained herein, nor the suitability of the products described herein for any particular purpose. No warranties of any kind, either express or implied, are made with respect to the products described herein or with respect to the use of the products described herein. The user assumes all risk and liabilities in connection with such usage.