



# BAPOLENE®

## LINEAR LOW DENSITY POLYETHYLENE BAPOLENE® 3039U ROTATIONAL MOLDING

**Description:** Bapolene® 3039U is a *hexene* linear low density polyethylene designed to provide superior impact resistance. It contains a UV-stabilization package and complies with US FDA 21CFR177.1520<sup>1</sup>.

**Application:** Trash bins, large industrial and chemical storage containers, and drums.

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

All data are based on compression-molded plaques.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index <sup>2</sup> , g/10 min.	3.5	D-1238
Density, g/cm <sup>3</sup>	0.939	D-1505

### PROPERTIES<sup>3</sup>

Tensile Strength @ Yield, psi (MPa)	2,600 (18) **	D-638
Flexural Modulus <sup>1% Secant</sup> , psi (MPa)	109,000 (752) **	D-790
ESCR <sup>F50, 10% IGEPAL, Condition A</sup> , Hours	400 **	D-1693

<sup>1</sup> End use and/or migration limitations may apply.

<sup>2</sup> 190°C/2,160g

\*\* 1/8"-Rotomolded specimen

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](mailto: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.*