



# BAPOLENE®

## LINEAR LOW DENSITY POLYETHYLENE BAPOLENE® 3042 ROTATIONAL MOLDING

**Description:** Bapylene® 3042 is a *hexene* linear low density polyethylene designed to provide an excellent combination of ESCR and impact. It contains a UV additive package and complies with US FDA 21CFR177.1520.

**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 molded plaques.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index <sup>1</sup> , g/10 min.	5.5	D-1238
Density, g/cm <sup>3</sup>	0.935	D-1505
<b>PROPERTIES<sup>2</sup></b>		
Tensile Strength @ Yield, psi (MPa)	2,500 (17)	D-638
Flexural Modulus <sup>1% Secant</sup> , psi (MPa)	87,200 (601)	D-790
ESCR <sub>F50, 100% IGEPAL, Condition A</sub> , Hours	> 1,000	D-1693

<sup>1</sup> 190°C/2,160 g

<sup>2</sup> 1/8"-Rotomolded specimen

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2008 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

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