



BAPOLENE®

LINEAR LOW DENSITY POLYETHYLENE BAPOLENE® 3042U ROTATIONAL MOLDING

Description: Bapolene® 3042U 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 21 CFR 177.1520¹.

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 ² , g/10 min.	5.0	D-1238
Density, g/cm ³ <small>Compression-molded specimen</small>	0.936	D-1505
HDT <small>66 psi (0.45 MPa), °F (°C)</small>	122 (50)	D-648

PROPERTIES

Tensile Strength @ Yield, psi (MPa)	2,370 (16) **	D-638
Flexural Modulus <small>1% Secant</small> , psi (MPa)	86,500 (596)**	D-790
ESCR, Hours <small>F50, 100% IGEPAL, Condition A</small>	> 1,000 **	D-1693

¹ End use and/or migration limitations may apply.

² 190°C/2,160 g

** 1/8"-Rotomolded specimen

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2009 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

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