

Bapolene® 3042U Polyethylene, Rotational Molding Grade

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

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 21CFR177.1520. Applications: Trash bins, large industrial and chemical storage containers, and drums. All data is based on molded plaques. Bapolene® and Bapolan® are registered trademarks of Bamberger Polymers, Inc.

Information provided by Bamberger Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bapolene-3042U-Polyethylene-Rotational-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in ³	ASTM D-1505
ESCR 100% Igepal®	1000 hour	1000 hour	>1,000; ASTM D-1693
Melt Flow	5.5 g/10 min	5.5 g/10 min	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.0 MPa	2470 psi	ASTM D-638
Flexural Modulus	0.872 GPa	126 ksi	ASTM D-790

Descriptive Properties	Value	Comments
Process	Rotational Molding	
Region	Europe/Turkey	Bamberger Polymers Distribution
	International	Bamberger Polymers Distribution
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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