

Polimeros Mexicanos Rotolene® Black Plus Ultra Polyethylene

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

Material Notes:

Linear copolymer Medium Density Polyethylene which is fully UV8 stabilized. Available as black powder. Applications: Polyethylene compound specially formulated for rotational molding applications requiring good mechanical properties, a high thermal resistance, zero porosity and excellent internal cure, ideal for water tanks until 2,500 L capacity. This compound meets all CONEG requirements, covering safe use in articles for direct food contact. Information provided by Polimeros Mexicanos

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeros-Mexicanos-Rotolene-Black-Plus-Ultra-Polyethylene.php

Physical Properties	Metric	English	Comments
Bulk Density	0.330 - 0.390 g/cc	0.0119 - 0.0141 lb/in ³	ASTM D1895-96
Density	0.939 g/cc	0.0339 lb/in ³	ASTM D792
Melt Flow	4.5 g/10 min @Load 2.16 kg, Temperature 190 °C	4.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Impact Test	47.5 J @Temperature 22.2 °C	35.0 ft-lb @Temperature 72.0 °F	0.125 in.; ARM test

Descriptive Properties	Value	Comments
Dry Flow	2.5 - 4 gr/min	ASTM D1895-96
Process	Rotational Molding	
Region	Europe/Turkey	Bamberger Polymers Distribution

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