

Micropol Microlin ML21 Linear Polyethylene Rotational Molding Powder

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Rotational Molding Grade

Material Notes:

Information provided by Micropol Limited

Order this product through the following link:

http://www.lookpolymers.com/polymer_Micropol-Microlin-ML21-Linear-Polyethylene-Rotational-Molding-Powder.php

Physical Properties	Metric	English	Comments
Density	0.934 g/cc	0.0337 lb/in ³	ASTM D792
Melt Flow	8.0 - 10 g/10 min	8.0 - 10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.0 MPa	2320 psi	50mm/min; ASTM D638-64T
Elongation at Break	650 %	650 %	ASTM D638-64T
Flexural Modulus	0.610 GPa	88.5 ksi	ASTM D760-66

Thermal Properties	Metric	English	Comments
Vicat Softening Point	111 Â°C	232 Â°F	ASTM D1525
Brittleness Temperature	<= -70.0 Â°C	<= -94.0 Â°F	ASTM D746
Flammability, UL94	V-2	V-2	
Oxygen Index	26 %	26 %	Critical

Descriptive Properties	Value	Comments
British Standard 2782:508A	Zero Burn Rate	
British Standard 476 Part 7	Class 2	
Civil Aviation Authority Spec No 8 Vertical Test	Pass	
Stores Materials Container Fire Test	Pass	British Aerospace Std

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