

Micropol Microlink XL28 Crosslinkable Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Provides a finished molding of improved properties with the use of conventional rotational molding equipment. Properties include enhanced toughness (particularly low temp impact), ESCR, chemical, and temperature resistance. It is fully UV stabilized and available in colors for outdoor use in all climates.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Micropol-Microlink-XL28-Crosslinkable-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	M F50; ASTM D1693

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	23.0 MPa	3340 psi	50mm/min; ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	0.750 GPa	109 ksi	ASTM D790
Impact	36	36	J/mm, Micropol test based on ASTM D1790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 Â°C	261 Â°F	ASTM D1525
Brittleness Temperature	<= -120 Â°C	<= -184 Â°F	ASTM D746

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