

## Micropol Isoplas P602 Crosslinkable Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE)

**Material Notes:**

Information provided by Micropol Limited

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Micropol-Isoplas-P602-Crosslinkable-Polyethylene.php](http://www.lookpolymers.com/polymer_Micropol-Isoplas-P602-Crosslinkable-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.964 g/cc	0.0348 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	8.0 g/10 min	8.0 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Elongation at Break	250 %	250 %	
Modulus of Elasticity	1.75 GPa	254 ksi	
	@Temperature 20.0 °C	@Temperature 68.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	250 µm/m-°C	139 µin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Specific Heat Capacity	2.00 J/g-°C	0.478 BTU/lb-°F	
Thermal Conductivity	0.431 W/m-K	2.99 BTU-in/hr-ft <sup>2</sup> -°F	
Vicat Softening Point	127 °C	261 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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