

## Micropol Microcene MC121 Metallocene Based Polyethylene Rotational Molding Powder

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Characteristics: reduced fusion, compacting, and crystallization times or lower oven temperatures; improved wall thickness control, improved impact resistance; low warpage; better creep resistance. Information provided by Micropol Limited

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Micropol-Microcene-MC121-Metallocene-Based-Polyethylene-Rotational-Molding-Powder.php](http://www.lookpolymers.com/polymer_Micropol-Microcene-MC121-Metallocene-Based-Polyethylene-Rotational-Molding-Powder.php)

Physical Properties	Metric	English	Comments
Density	0.934 g/cc	0.0337 lb/in <sup>3</sup>	ASTM D792-91
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238-94

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ASTM D2240-86
Tensile Strength, Yield	16.0 MPa	2320 psi	50mm/min; ASTM D638M-89
Flexural Modulus	0.550 GPa	79.8 ksi	2mm/min; ASTM D790-86

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	65.0 Â°C	149 Â°F	ASTM D648-82

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