

## Braskem EG0921 LDPE Blow Molding Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade

### Material Notes:

EG0921 is a low-density polyethylene with good mechanical properties and environmental stress cracking resistance (ESCR) and excellent sealability. It is used in blow molded parts and medium-resistance shrink films.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-EG0921-LDPE-Blow-Molding-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-EG0921-LDPE-Blow-Molding-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in <sup>3</sup>	ASTM-D1505
Melt Flow	0.90 g/10 min @Load 2.16 kg, Temperature 190 °C	0.90 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	ASTM-D638
Tensile Strength, Yield	12.0 MPa	1740 psi	ASTM-D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	95.0 °C @Load 1.02 kg	203 °F @Load 2.25 lb	ASTM-D1525

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