

Braskem LD5000A LDPE Blow Molding Polyethylene

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

Material Notes:

LD5000A is a low-density polyethylene with good mechanical properties, good ESCR, and excellent sealing characteristics. It does not contain additives. It is used in general purpose blow molded articles and injection blow molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LD5000A-LDPE-Blow-Molding-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ASTM-D1505
Melt Flow	1.4 g/10 min @Load 2.16 kg, Temperature 190 °C	1.4 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	94.0 °C @Load 1.02 kg	201 °F @Load 2.25 lb	ASTM-D1525

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