

NOVA Chemicals Novapol® LM-0724-A LDPE Injection Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

LM-0724-A complies with the U.S. FDA specifications for olefin polymers and may be used in the U.S. as an article or component of an article intended for use in contact with food. It is also biologically and chemically inert. Features: Excellent balance of stiffness and toughness, Good processability and dimensional stability Applications: Caps and closures, including tamper evident closures

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-LM-0724-A-LDPE-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D 792
Melt Flow	7.0 g/10 min @Load 2.16 kg, Temperature 190 °C	7.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	ASTM D 2240
Tensile Strength at Break	11.0 MPa	1600 psi	ASTM D 638
Tensile Strength, Yield	12.0 MPa	1740 psi	ASTM D 638
Elongation at Break	500 %	500 %	ASTM D 638
1% Secant Modulus	345 MPa	50000 psi	ASTM D 790
2% Secant Modulus	0.305 GPa	44.2 ksi	ASTM D 790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	97.0 °C	207 °F	ASTM D 1525

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