

Total LDPE LD 0304 Low Density Polyethylene - Extrusion Coating

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

Material Notes:

LDPE LA 0304 is a low density polyethylene made by a high pressure autoclave process without antioxidant. Application examples: coating of paper, paperboard, aluminum. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-LDPE-LD-0304-Low-Density-Polyethylene-Extrusion-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.924 g/cc	0.924 g/cc	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.0 MPa	1890 psi	ISO 527-2
Tensile Strength, Yield	11.0 MPa	1600 psi	ISO 527-2
Elongation at Break	550 %	550 %	ISO 527-2
Modulus of Elasticity	0.250 GPa	36.3 ksi	ISO 527-2

Thermal Properties	Metric	English	Comments
Melting Point	111 °C	232 °F	ISO 11357
Vicat Softening Point	95.0 °C	203 °F	ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 320 °C	392 - 608 °F	
Melt Temperature	260 - 320 °C	500 - 608 °F	Die Melt Temp

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