

Total FE 8004 LDPE blown film

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

Material Notes:

Radical polyethylene made by high pressure autoclave process. Advised temperature profile : 160 to 200°C. Information provided provided by Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-FE-8004-LDPE-blown-film.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ISO 1183
Melt Flow	0.80 g/10 min	0.80 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	14.0 MPa	2030 psi	ISO R527
Tensile Strength, Yield	12.0 MPa	1740 psi	ISO R527
Elongation at Break	650 %	650 %	ISO R527
Modulus of Elasticity	0.240 GPa	34.8 ksi	ISO 5527
Dart Drop Test	190 g	0.419 lb	50µ; ISO 7765-1

Thermal Properties	Metric	English	Comments
Melting Point	114 °C	237 °F	ISO 11357-3
Vicat Softening Point	98.0 °C	208 °F	ISO 306

Optical Properties	Metric	English	Comments
Haze	9.0 %	9.0 %	50µ; ASTM D 1003

Descriptive Properties	Value	Comments
Food Status	This material conforms to both European and American Food contact regulations.	

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