

Polimeri Europa Clearflex® CH G0 Very Low Density Polyethylene

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

Material Notes:

Clearflex CH G0 is a linear low density polyethylene, with antioxidants, characterized by a very low density (VLDPE). The resin has an excellent compatibility with polyolefins and fillers. Main Applications: Clearflex CH G0 is recommended for applications in which soft touch and flexibility are required, for improvement of impact resistance when used as additive in blend with other polyolefins formulated with or without mineral fillers. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Clearflex-CH-G0-Very-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.887 g/cc	0.887 g/cc	ISO 1183
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	>= 800 %	>= 800 %	ISO 527-3
Film Tensile Strength at Break, MD	13.0 MPa	1890 psi	ISO 527-3

Thermal Properties	Metric	English	Comments
Melting Point	110 °C	230 °F	Internal method
Vicat Softening Point	38.0 °C @Load 1.00 kg	100 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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