

Chevron Phillips 7105T LLDPE Sheeting Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Sheeting Grade

Material Notes:

Resin Type: Sheeting Resin for the Geomembrane Market; ASTM D 4976 Classification: PE 214, A 35307 Applications: Blown Geomembrane Applications, Sanitary Landfill Liners, Waste Water Reservoir Containment Liners, Coextruded Liner Structures, Soil Stabilization Structures, Flexible Covers for Landfill Applications Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-7105T-LLDPE-Sheeting-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	>= 2000 hour @Temperature 50.0 °C	>= 2000 hour @Temperature 122 °F	F _{>50} , Cond. B.; ASTM D1693
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 190 °C	0.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	32.0 MPa	4640 psi	
Tensile Strength, Yield	12.0 MPa	1740 psi	
Elongation at Break	750 %	750 %	ASTM D638
Flexural Modulus	0.356 GPa	51.6 ksi	3 pt. secant. ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -59.0 °C	<= -74.2 °F	ASTM D746

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