

Clariant PEPR92735G5NAT LLDPE, 5% Glass Fiber, Chemically Coupled

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

Data provided by Clariant Masterbatches

Order this product through the following link:

http://www.lookpolymers.com/polymer_Clariant-PEPR92735G5NAT-LLDPE-5-Glass-Fiber-Chemically-Coupled.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	
Melt Flow	0.75 g/10 min	0.75 g/10 min	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	
Tensile Strength at Break	15.2 MPa	2200 psi	
Tensile Strength, Yield	11.7 MPa	1700 psi	
Elongation at Break	650 %	650 %	
1% Secant Modulus	345 MPa	50000 psi	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -76.0 °C	<= -105 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.29	2.29	
Dissipation Factor	0.000060	0.000060	

Processing Properties	Metric	English	Comments
Feed Temperature	154 - 163 °C	309 - 325 °F	
Zone 2	177 - 193 °C	351 - 379 °F	
Zone 3	193 - 210 °C	379 - 410 °F	
Zone 4-x	204 - 218 °C	399 - 424 °F	
Adapter Temperature	204 - 218 °C	399 - 424 °F	
Die Temperature	204 - 218 °C	399 - 424 °F	

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