

BASF Lucalen® A 2920 M Ethylene/Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Used in the manufacture of economical composite films of Lucalen and PE-LD, and as a primer for aluminum steel composites. Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Lucalen-A-2920-M-EthyleneAcrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in ³	
Water Absorption	0.050 %	0.050 %	
Moisture Absorption at Equilibrium	0.050 %	0.050 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.0 MPa	3190 psi	
Tensile Strength, Yield	6.00 MPa	870 psi	
Elongation at Break	>= 50 %	>= 50 %	
Tensile Modulus	0.0840 GPa	12.2 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	96.0 °C	205 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Dielectric Constant	2.5	2.5	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.0070	0.0070	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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