

BASF Lucalen® A 3120 M Ethylene/Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Suitable in similar manner as Lucalen A 2920 M or also as a material for coating aluminum, steel, paper and cardboard. Also for processing pipes for transporting petroleum, gas, etc. 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-3120-M-EthyleneAcrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.928 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	15.0 MPa	2180 psi	
Tensile Strength, Yield	5.00 MPa	725 psi	
Elongation at Break	>= 50 %	>= 50 %	
Tensile Modulus	0.0740 GPa	10.7 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	99.0 °C	210 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Dielectric Constant	2.3	2.3	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.012	0.012	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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