

BASF Lucalen® A 2710 H Ethylene/Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Product with properties which are typical of flexible PVC and of low density polyethylene. Suitable for flexible pipes, profiles and seals. 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-2710-H-EthyleneAcrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 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	14.0 MPa	2030 psi	
Tensile Strength, Yield	4.00 MPa	580 psi	
Elongation at Break	>= 50 %	>= 50 %	
Tensile Modulus	0.0450 GPa	6.53 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	94.0 °C	201 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Dielectric Constant	2.8	2.8	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.013	0.013	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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