

Lucalen A 3110 M

Ethylene Acrylic Acid Copolymer

LyondellBasell Industries

Message:

Lucalen A3110M is a natural adhesive medium/high density polyethelene copolymer with a high thermal stability. Due to the acrylic acyd/acrylate copolymer (E/A) content this grade offers excellent adhesion to polar materials (i.e. epoxy resin, steel, aluminium etc.). It is design to be used by our customers in 3-layer anti corrosion coating as well as in wire & cable compounds. The material is available in pellet form.

General Information			
Features	Copolymer		
	Good thermal aging resistance		
	Good thermal shock resistance		
	Good heat aging resistance		
	Good adhesion		
	Heat resistance, high		
Uses	Protective coating		
	Piping system		
	Pipeline coating		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ISO 1183
Apparent Density	> 0.50	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	38		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	74.0	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	5.00	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	65.0	°C	ISO 306/A50
Melting Temperature	100	°C	
Additional Information	Nominal Value	Unit	Test Method
Comonomer AA	4.0	%	DIN 51451
Comonomer BA	8.0	%	DIN 51451
Unless specifically indicated, the grade mentioned is not suitable for applications in the pharmaceutical/medical sector.			
Extrusion	Nominal Value	Unit	
Melt Temperature	150 - 200	°C	

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Recommended distributors for this material

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