



## Lucalen A2910M

### Compounded Polyolefin

#### Product Description

Lucalen A2910M is a natural adhesive low density polyethelene copolymer with a high thermal stability. Due to the acrylic acid/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 customer in 2-layer anti corrosion coating as well as in wire & cable compounds. The material is available in pellet form.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
<b>Processing Methods</b>	Extrusion Coating, Extrusion Pipe Sheet and Semi Finished Products
<b>Features</b>	Good Adhesion, Copolymer, Good Heat Aging Resistance, High Heat Resistance, Good Thermal Aging Resistance, Good Thermal Stability
<b>Typical Customer Applications</b>	Coatings, Protective, Pipe Coating, Pipes

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.927	g/cm <sup>3</sup>
Melt flow rate (MFR) (190°C/2.16kg)	ISO 1133	7	g/10 min
Bulk density (23°C)	ISO 60	>0,5	g/cm <sup>3</sup>
<i>Note: ISO 60</i>			
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	90	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	6	MPa
<b>Hardness</b>			
Shore hardness (Shore D)	ISO 868	38	
<b>Thermal</b>			
Melting temperature		96	°C
Vicat softening temperature A/50	ISO 306	72	°C
<b>Film</b>			
Comonomer BA		7	%
<i>Note: DIN 51451</i>			
<b>Additional Information</b>			
Comonomer AA		4	%
<i>Note: DIN 51451</i>			

#### Additional Properties

##### Processing:

Recommended melt temperatures: 140-180 °C.

Unless specifically indicated, the grade mentioned is not suitable for applications in the pharmaceutical/medical sector. Not suitable for food contact

#### Notes

Typical properties; not to be construed as specifications.