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

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Extrusion Coating, Extrusion Pipe Sheet and Semi Finished Products
Features	Good Adhesion, Copolymer, Good Heat Aging Resistance , High Heat Resistance , Good Thermal Aging Resistance, Good Thermal Stability
Typical Customer Applications	Coatings, Protective, Pipe Coating, Pipes

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.927	g/cm³
Melt flow rate (MFR) (190°C/2.16kg)	ISO 1133	7	g/10 min
Bulk density (23°C)	ISO 60	>0,5	g/cm³
Note: ISO 60			
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	90	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	6	MPa
Hardness			
Shore hardness (Shore D)	ISO 868	38	
Thermal			
Melting temperature		96	°C
Vicat softening temperature A/50	ISO 306	72	°C
Film			
Comonomer BA		7	%
Note: DIN 51451			
Additional Information			
Comonomer AA		4	%
Note: DIN 51451			

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.