



Lucalen A3110M

Compounded Polyolefin

Product Description

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.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.928 g/cm ³
Melt flow rate (MFR) (190°C/2.16kg)	ISO 1133	7 g/10 min
Bulk density (23°C)	ISO 60	>0,5 g/cm ³
Note: ISO 60		
Mechanical		
Tensile Modulus (23 °C)	ISO 527-1, -2	74 MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	5 MPa
Hardness		
Shore hardness (Shore D)	ISO 868	38
Thermal		
Melting temperature		100 °C
Note: ISO 3146		
Vicat softening temperature A/50	ISO 306	65 °C
Film		
Comonomer BA		8 %
Note: DIN 51451		
Additional Information		
Comonomer AA		4 %
Note: DIN 51451		

Additional Properties

Processing:
Recommended melt temperatures: 150-200 °C.

Notes

Typical properties; not to be construed as specifications.

Further Information

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

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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Release Date: 06 Jun 2012