



Hostalen ACP 9255 Plus

Polyethylene, High Density

Product Description

Hostalen ACP 9255 Plus is a high density polyethylene resin which possesses an outstanding combination of stiffness and impact performance. Hostalen ACP 9255 Plus can be processed on blown film lines at high output rates with excellent bubble stability, very low gel levels and homogeneous appearance which converters and end-users require for high quality thin and thick film production.

Hostalen ACP 9255 Plus can enable the production of film with a very broad conversion window, good lay flat properties and excellent roll configuration. Typical applications are lamination and release films, artificial paper, labels and heavy duty packaging.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Blown film
Features	Antioxidant, Drawdown, Good, Gel, Low, Rigidity, High, Toughness, Good
Typical Customer Applications	Bags & Pouches, Film, Products for Use in Property Modification, Blown Film, Food Packaging Film, Lamination Film

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.957 g/cm ³
Melt flow rate (190/5)	ISO 1133	0.40 g/10 min
Melt flow rate (190/21,6)	ISO 1133	12.0 g/10 min
Mechanical		
Dart drop impact ()	ASTM D 1709	270 g
Tensile Strength	ISO 527-1, -3	37.0 MPa
<i>Note:</i> MD		35.0 MPa
<i>Note:</i> TD		
Tensile Strain at Break	ISO 527-1, -3	400 %
<i>Note:</i> MD		480 %
<i>Note:</i> TD		
Elmendorf tear strength	ISO 6383-2	300 mN
<i>Note:</i> MD		420 mN
<i>Note:</i> TD		

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Film properties tested using 20 µm thickness blown film extruded at a melt temperature of 210°C, long stalk process, blow-up ratio 4:1.

Recommended melt temperatures: 200-230°C

recommended Thickness: 10 to 200 µm

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

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