

Hostalen ACP 9255 Plus

High Density Polyethylene
LyondellBasell Industries

Technical Data

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. Foodlaw compliance information about this product can be found in separate product documentation.

This product is not intended for use in medical and pharmaceutical applications.

General

Material Status	• Commercial: Active		
Literature ¹	• Processing - Mold Shrink (English) • Processing - PE Films (English) • Processing - Polyolefin Injection Molding Guide (English) • Technical Datasheet (English)		
Search for UL Yellow Card	• LyondellBasell Industries • Hostalen		
Availability	• Africa & Middle East	• Asia Pacific	• Europe
Additive	• Antioxidant		
Features	• Antioxidant • Good Drawdown	• Good Toughness • High Rigidity	• Low Gel
Uses	• Bags • Film	• Food Packaging • Laminates	• Plastics Modification • Pouches - Flexible Packaging
Forms	• Pellets		
Processing Method	• Blown Film	• Extrusion	

Physical	Nominal Value Unit	Test Method
Density	0.957 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)		ISO 1133
190°C/21.6 kg	12 g/10 min	
190°C/5.0 kg	0.40 g/10 min	

Films	Nominal Value Unit	Test Method
Film Thickness - Recommended / Available	8 to 200 µm	
Tensile Strength		ISO 527-3
MD: 20 µm, Blown Film	75.0 MPa	
TD: 20 µm, Blown Film	65.0 MPa	
Tensile Elongation		ISO 527-3
MD: Break, 20 µm, Blown Film	450 %	
TD: Break, 20 µm, Blown Film	470 %	
Dart Drop Impact (20 µm, Blown Film)	> 200 g	ASTM D1709

Additional Information

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.

Extrusion	Nominal Value Unit
Melt Temperature	200 to 230 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.