Hostalen ACP 9240 Plus

High Density Polyethylene

LyondellBasell Industries

Technical Data

Product Description

Hostalen ACP 9240 Plus is a high density polyethylene characterised by superior toughness and stiffness. Hostalen ACP 9240 Plus can be converted on HDPE blown film equipment with a homogeneous appearance and very low gel level. The very good bubble stability permits the production of wrinkle free and flat films within a wide range of blow up ratios.
Typical applications are carrier and meat bags, inliners for drums, paper bags and FIBC as well as heavy duty bags.

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 - ISO (English)		
Search for UL Yellow Card	• LyondellBasell Industries • Hostalen		
Availability	• Europe		
Additive	• Antioxidant		
Features	• Antioxidant • Good Drawdown	• High Rigidity • Low Gel	• Ultra High Toughness
Uses	• Bags • Film • Food Packaging	• Industrial Applications • Laminates • Packaging	• Plastics Modification
Forms	• Pellets		
Processing Method	• Blown Film	• Pipe Extrusion	• Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.946	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/21.6 kg	6.0	g/10 min	
190°C/5.0 kg	0.20	g/10 min	

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	µm	
Film Thickness - Recommended / Available	10 to 200	µm	
Tensile Strength			ISO 527-3
MD: 20 µm, Blown Film	80.0	MPa	
TD: 20 µm, Blown Film	65.0	MPa	
Tensile Elongation			ISO 527-3
MD: Break, 20 µm, Blown Film	400	%	
TD: Break, 20 µm, Blown Film	540	%	
Dart Drop Impact (20 µm, Blown Film)	> 300	g	ASTM D1709

Additional Information

Film properties tested using 20 µm thickness blown film extruded at a melt temperature of 220°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.