Technical Data Sheet

Hostalen ACP GX 9252 B

High Density Polyethylene

Product Description

Hostalen ACP GX 9252 B is a high density polyethylene resin which possesses an outstanding combination of stiffness and impact performance. *Hostalen* ACP GX 9252 B 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 GX 9252 B can enable the production of films with a very broad conversion window, good lay flat properties and excellent roll configuration. Typical applications are lamination and release films, artificial paper, labels, bags and heavy duty packaging. This product is not intended for use in medical and pharmaceutical applications.

Regulatory Status

For regulatory compliance information, see *Hostalen* ACP GX 9252 B Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Bags & Pouches; Food Packaging Film; Heavy Duty Packaging; Lamination Film; Products for Use in Property Modification
Market	Flexible Packaging
Processing Method	Blown Film
Attribute	Antioxidant; Good Drawdown; Good Toughness; High Rigidity; Low Gel

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/5.0 kg)	0.22	g/10 min	ISO 1133-1
(190 °C/21.6 kg)	7.0	g/10 min	ISO 1133-1
Density	0.952	g/cm³	ISO 1183-1
Film			
Dart Drop Impact Strength	400	g	ASTM D1709
Tensile Strength			
MD	80	MPa	ISO 527-1, -3
TD	70	MPa	ISO 527-1, -3
Tensile Strain at Break			
MD	400	%	ISO 527-1, -3
TD	420	%	ISO 527-1, -3
Elmendorf Tear Strength			
MD	25	g	ISO 6383-2
TD	65	g	ISO 6383-2
Additional Information			
Test Specimen	Film		
Film properties tested using 20 µm thickness blown film extruded at a melt temperature of 220°C, 1.0 mm die gap, 900 mm neck length, blow-up ratio 4 : 1.			
Processing Parameters			

Manufacturer website: https://www.lyondellbasell.com/en/

Melt Temperature	200-230	°C

Notes

These are typical property values not to be construed as specification limits.

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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