

Technical Data Sheet

Hostalen GX 9254

High Density Polyethylene

Product Description

Hostalen GX 9254 is a high density polyethylene resin which possesses an excellent combination of stiffness and impact performance.

Hostalen GX 9254 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 GX 9254 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, 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 GX 9254 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Application	Bags & Pouches; Food Packaging Film; 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			
(230 °C/21.6 kg)	8.8	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	0.3	g/10 min	ISO 1133-1
Density	0.954	g/cm ³	ISO 1183-1
Film			
Dart Drop Impact Strength	>300	g	ASTM D1709
Tensile Strength			
MD	75	MPa	ISO 527-1, -3
TD	65	MPa	ISO 527-1, -3
Tensile Strain at Break			
MD	400	%	ISO 527-1, -3
TD	430	%	ISO 527-1, -3
Additional Information			

Test Specimen

Film

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.

Processing Parameters

Melt Temperature

200-230 °C

Notes

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