

Borealis PE CG8410-04

High Density Polyethylene
Borealis AG

Technical Data

Product Description

CG8410-04 is a HD polyethylene grade for extrusion coating. CG8410-04 has good processing properties and it allows high line speed and gives easy change over to and from LDPE.

Thanks to its high density, CG8410-04 gives product with good barrier properties, high grease resistance, low friction, increased surface hardness and stiffness.

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• Borealis AG		
Availability	• Africa & Middle East • Asia Pacific	• Europe • North America	• South America
Features	• Barrier Resin • Grease Resistant	• High Density • Low Friction	
Uses	• Paper Coatings		
Forms	• Pellets		
Processing Method	• Extrusion Coating		

Physical	Nominal Value Unit	Test Method
Density	0.941 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5 g/10 min	ISO 1133

Additional Information

Total Neck In, BTM 14920: 95 mm
Minimum Coating Weight, BTM 14922: 8 g/m²
Maximum Coating Speed, BTM 14921: 500m/min

Extrusion	Nominal Value Unit
Melt Temperature	300 to 320 °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.