

Hostalen 5052 B black

High Density Polyethylene

LyondellBasell Industries

Technical Data

Product Description

Hostalen 5052 B black is a high density polyethylene (HDPE), black coloured similar RAL 9004 with high melt viscosity for extrusion of pressureless sewage pipes. It is not intended for medical and pharmaceutical applications.

Processing Method:
Extrusion Pipe Sheet and Semi Finished Products

Typical Customer Applications:
Soil & Waste Pipe

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	Europe
Additive	Carbon Black (2%)
Uses	Piping
Appearance	Black
Processing Method	- Pipe Extrusion - Sheet Extrusion

Physical	Nominal Value Unit	Test Method
Density	0.960 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)		ISO 1133
190°C/21.6 kg	10 g/10 min	
190°C/5.0 kg	0.60 g/10 min	
Carbon Black Content	2.3 %	ISO 6964

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	1100 MPa	ISO 527-2
Tensile Stress (Yield)	25.0 MPa	ISO 527-2
Tensile Strain (Yield)	9.0 %	ISO 527-2

Injection	Nominal Value Unit
Processing (Melt) Temp	200 to 280 °C

Extrusion	Nominal Value Unit
Melt Temperature	190 to 220 °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.