



Hostalen 5052 B black

Polyethylene, High Density

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Extrusion Pipe Sheet and Semi Finished Products
Typical Customer Applications	Soil & Waste Pipe

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.960	g/cm ³
Melt flow rate (MFR)	ISO 1133		
(190°C/21.6kg)		10	g/10 min
(190°C/5.0kg)		0.6	g/10 min
Mechanical			
Tensile Modulus	ISO 527-1, -2	1100	MPa
Tensile Stress at Yield	ISO 527-1, -2	25	MPa
Tensile Strain at Yield	ISO 527-1, -2	9	%
Additional Information			
Carbon black content	ISO 6964	2.25	%

Additional Properties

Processing:
 Recommended melt temperatures: 190-220 °C.
 Recommended injection moulding temperatures: 200-280 °C.

Notes

Typical properties; not to be construed as specifications.