

Technical Data Sheet

Hostalen 5052B BLACK



High Density Polyethylene

Product Description

Hostalen 5052 B black is a high density polyethylene (HDPE), black colored similar RAL 9004 with high melt viscosity for extrusion of pressureless sewage pipes.

Regulatory Status

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Soil & Waste Pipe
Market	Pipe
Processing Method	Sheet

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/5.0 kg)	0.2-0.9	g/10 min	ISO 1133-1
(190 °C/21.6 kg)	6-10	g/10 min	ISO 1133-1
Density	0.960	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1100	MPa	ISO 527-1, -2
Tensile Stress at Yield	25	MPa	ISO 527-1, -2
Tensile Strain at Yield	9	%	ISO 527-1, -2
Thermal			
Oxidation Induction Time, (210 °C)	>=20	min	ISO 11357-6
Additive			
Carbon Black Content	2.25	%	ISO 6964