

TECHNICAL DATASHEET

NPP Black



PRODUCT DESCRIPTION

NPP Black is a High Density Polyethylene, black colored resin. It has high melt viscosity, it is an appropriate resin for extrusion of non pressure pipes.

TRPICAL APPLICATION

Non pressure applications: sheet pipe and sewage pipe.

TYPICAL DATA

Physical	Method	Unit	Value
Density	ISO 1183	g / cm ³	0.960
Melt Flow Rate (190°C/5.0kg)	ISO 1133	g / 10 min	0.60
Melt Flow Rate (190°C/21.6kg)	ISO 1133	g / 10 min	10.0

Mechanical	Method	Unit	Value
Tensile Modulus	ISO 527-1,2	MPa	1100
Tensile Stress @ Yield	ISO 527-1,2	MPa	25
Tensile Strain @ Yield	ISO 527-1,2	%	9
Carbon Black Content	ISO 6964	%	2.25

Recommended Temperatures:

Melt temperature: 190-220 °C, Injection moulding temperatures: 200-280 °C

Note :

Typical properties; not to be construed as specifications