

POLYETHYLENE HDPE 4206B

Technical data sheet
High Density Polyethylene
PIPE COATING

DESCRIPTION >>

4206 BLK is a high density polyethylene produced by the gas phase polymerization process with hexene as a comonomer.

PROCESSING >>

4206 BLK is best processed between 190 and 230°C.

PROPERTIES >>

Property	Method	Unit	Value
Melt Index	ISO 1133	dg/min	
2.16 kg			0.4
5 kg			1.8
Density (23°C)	ISO 1183	g/cm ³	0.953
Melting Point	DSC	°C	127
Oxydation Induction Time at 200°C	ISO 728	mm	> 20
Tensile Strength at Yield	ISO 527-2	MPa	20
Elongation at Break	ISO 527-2	%	> 600
Hardness Shore D (1s)	ISO 868		61
Stress Cracking resistance	ASTM D1693/B	h	F50 > 1000

Data not intended for specification purposes

DISCLAIMER

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