

TOTAL Polyethylene XSene® HDPE 4206 B

(Steel Pipe Coating)

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

HDPE 4206 B is a high performance black compound primarily intended for steel pipe coating applications.
HDPE 4206 B key characteristics are
Superior mechanical properties under stress cracking as well as under impact conditions, ensuring long term integrity of the network
An optimised additives formulation and finely dispersed carbon black providing outstanding long-term stability in service
Excellent and durable adhesion properties, particularly in combination with the Trisys® 90 adhesive system
HDPE 4206 B meets the major requirements in external 3 layer PE coatings: DIN 30 670, NF A 49 710, CAN/CSA-Z245.21, GOST R51164.

General Information			
Additive	Carbon black		
Features	Good ESCR (Stress Crack Resist.)		
	High density		
	Impact resistance, good		
	Good adhesion		
Uses	Pipeline coating		
Agency Ratings	CSA Z245.21		
	DIN 30670		
	EC 1907/2006 (REACH)		
	GOST R51164		
	NF A 49-710		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	2.0	g/10 min	ISO 1133
Carbon Black Dispersion			ISO 18553
Moisture Content		ppm	EN 12118
Carbon Black Content	> 2.0	%	ISO 6964
Thermal Stability (200°C)	> 20	min	ISO 11357-6
ISO Type	PE, H-ACGHL, 40-D003		ISO 1872
Extrusion	Nominal Value	Unit	
Melt Temperature	210 - 245	°C	

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Recommended distributors for this material

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