

TOTAL Polyethylene XSene® HDPE XRC 20 B

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

This product is Total Ecosolutions.
HDPE XRC20B is a very high performance hexene-based black compound, with a MRS 10 MPa - PE100 classification, particularly appropriate for pressure pipes that are either installed or operated under extreme conditions.
HDPE XRC20B key characteristics are
an extreme high resistance to crack initiation and to slow crack growth
meeting the highest prescription and standards for PE pipe
an easy processing and safe welding properties

General Information	
Additive	Carbon Black (2%)
Features	Food Contact Acceptable
	Good Crack Resistance
	Good Processability
	Hexene Comonomer
	Weldable
Uses	Piping
Agency Ratings	EU 2002/72/EC
	EU 2004/1/EC
	EU 2004/19/EC
	EU 2005/79/EC
	EU 2007/19/EC
	EU 2008/39/EC
	EU 975/2009/EC

Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.30	g/10 min	ISO 1133
Carbon Black Content	2.0 to 2.5	%	ISO 6964
Carbon Black Dispersion	< 3		ISO 18553
Water Content	< 300	ppm	EN 12118
Thermal Stability (200°C)	> 20	min	ISO 11357-6
ISO Type	PE,E/M-ACGHL,50-T003		ISO 1872
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.030	%	
Processing (Melt) Temp	200 to 260	°C	
Extrusion	Nominal Value	Unit	
Suggested Max Moisture	0.030	%	

Melt Temperature

190 to 220

°C

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Recommended distributors for this material

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