

TOTAL Polyethylene XSene® HDPE XS 10B

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

HDPE XS 10 B is a high performance hexene-based black compound, with a MRS 10 MPa - PE 100 classification, and primarily intended for potable water and gas pipe applications.

HDPE XS 10 B key characteristics are

- a superior resistance to slow crack growth and rapid crack propagation ensuring safe and long-term network operation
- a broad bimodal molecular weight distribution offering easy processing for perfect pipes and fittings
- an optimised formulation of additives and finely dispersed carbon black providing outstanding long-term stability in service.

General Information	
Additive	Carbon black (2%)
Features	hexene comonomer
	Weldable
	Good sensory characteristics
	Good melt strength
	Excellent appearance
	Medium wide molecular weight distribution
Uses	Piping system
	Accessories
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Black
Forms	Particle
Processing Method	Pipeline extrusion molding
	Injection molding

Physical	Nominal Value	Unit	Test Method
Density	0.959	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.30	g/10 min	ISO 1133

Additional Information

Carbon Black Content, ISO 6964: 2.0 to 2.5%Carbon Black Dispersion, ISO 11420: 20 minWater Content, EN 12118: <300 ppmDesignation ISO 1872-PE,E/M-ACGHL,50-T003

Injection	Nominal Value	Unit
Suggested Max Moisture	0.30	%
Processing (Melt) Temp	200 - 260	°C
Extrusion	Nominal Value	Unit
Suggested Max Moisture	0.30	%
Melt Temperature	190 - 220	°C

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

