

# TOTAL Polyethylene XSene® HDPE XLS 12 B

High Density Polyethylene  
TOTAL Refining & Chemicals

Message:

HDPE XLS 12 B is a high performance hexene-based black compound, with a MRS 10 MPa - PE 100 classification, and primarily intended for extrusion of large diameter and thick wall pressure pipes.  
HDPE XLS 12 B key characteristics are  
a superior resistance to sagging, enabling the manufacture of very thick wall pipes with even wall thickness distribution  
an outstanding resistance to slow crack growth and rapid crack propagation ensuring safe and long-term network operation  
an optimised formulation of additives and finely dispersed carbon black providing outstanding long-term stability in service.

General Information	
Additive	Carbon Black
Features	Durable
	Good Crack Resistance
	Hexene Comonomer
Uses	Fittings
	Piping
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Black
Processing Method	Injection Molding
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.959	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.20	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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT