

## Total XSene® XRC 20 B High Density Polyethylene - Pipes and Fittings

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Pipe Grade

### Material Notes:

This product is a Total Ecosolutions grade.HDPE XRC 20 B 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.Key characteristics are an extremely high resistance to crack initiation and to slow crack growth meeting the highest prescription and standards for PE pipe.Easy processing and safe welding properties.Designation ISO 1872-PE,E/M-ACGHL,50-T003 Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-XSene-XRC-20-B-High-Density-Polyethylene-Pipes-and-Fittings.php](http://www.lookpolymers.com/polymer_Total-XSene-XRC-20-B-High-Density-Polyethylene-Pipes-and-Fittings.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.958 g/cc	0.958 g/cc	ISO 1183
Carbon Black Loading	2.0 - 2.5 %	2.0 - 2.5 %	ISO 6964
Melt Flow	0.30 g/10 min @Load 5.00 kg, Temperature 190 °C	0.30 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133/T

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 220 °C	374 - 428 °F	Extrusion
	200 - 260 °C	392 - 500 °F	Injection

Descriptive Properties	Value	Comments
Carbon Black Dispersion, Rating	= 3	ISO 18553
Thermal Stability 200°C	> 20 min	EN 728 / ISO 11357-6
Water Content	= 300 ppm	EN 12118, measured at the stage of compound manufacturing

## Contact Songhan Plastic Technology Co.,Ltd.

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