

TOTAL Polyethylene XSene® HDPE XS 10

Orange YCF

High Density Polyethylene

TOTAL Refining & Chemicals

Message:

HDPE XS 10 Orange YCF is a high performance hexene-based orange compound, with a MRS 10 MPa - PE 100 classification, and primarily intended for gas pipe applications.

HDPE XS 10 Orange YCF key characteristics are

- 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 pigments providing outstanding long-term stability in service.

General Information			
Features	Good Melt Strength		
	Good Processability		
	Good Surface Finish		
	Hexene Comonomer		
	Med.-Wide Molecular Weight Distrib.		
	Weldable		
Uses	Fittings		
	Piping		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Orange		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.30	g/10 min	ISO 1133
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
Pigment Dispersion	< 3.00		ISO 18553
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 260	°C	
Extrusion	Nominal Value	Unit	

Melt Temperature

190 to 220

°C

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Recommended distributors for this material

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