

## Total MDPE 3802 YCF Medium Density Polyethylene, Pipes & Fittings

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE

### Material Notes:

MDPE 3802 YCF is a high performance hexene-based yellow compound, with a MRS 8 MPa - PE 80 classification, and primarily intended for gas pipe applications. MDPE 3802 YCF key characteristics are a superior resistance to slow crack growth ensuring safe and long-term network operation, an optimal balance of flexibility and mechanical strength that allows easy coiling, handling and installing of pipes, an optimized formulation of additives and finely dispersed pigments providing outstanding long-term stability in service. Designation ISO 1872-PE, E/M-ACGHL, 40-T012. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-MDPE-3802-YCF-Medium-Density-Polyethylene-Pipes-Fittings.php](http://www.lookpolymers.com/polymer_Total-MDPE-3802-YCF-Medium-Density-Polyethylene-Pipes-Fittings.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 1183
Melt Flow	0.90 g/10 min @Load 5.00 kg, Temperature 190 °C	0.90 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133/T

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

Descriptive Properties	Value	Comments
Pigment Dispersion Rating	= 3	ISO 18553
Thermal Stability 200°C	> 20 min	EN 728 / ISO 11357-6
Water Content	= 300 ppm	EN 12118

## Contact Songhan Plastic Technology Co.,Ltd.

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