

TOTAL Polyethylene Lumicene® M 4040 (Pipe)

Metallocene Medium Density Polyethylene

TOTAL Refining & Chemicals

Message:

mPE M 4040 is a second generation metallocene based Polyethylene with hexene as co-monomer.

mPE M 4040 is intended for the manufacture of silane cross-linked pipes.

Thanks to Its very specific molecular structure, mPE M 4040 exhibits:

High fluidity

Low density

Cross-linked pipes manufactured with mPE M 4040 point up the following properties:

Very high flexibility

Superior dimensional stability

General Information			
Features	Good dimensional stability		
	Low density		
	hexene comonomer		
	Crosslinkable		
	Good flexibility		
	High liquidity		
Uses	Piping system		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306
Melting Temperature	126	°C	ISO 11357-3

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