TotalEnergies

Refining & Chemicals
Polymers

Polyethylene Lumicene® mPE M 4040

Technical data sheet
Metallocene Polyethylene PIPE
Produced in Europe

Description

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

Characteristics

Property	Method	Unit	Typical value
Density	ISO 1183	g/cm³	0.940
Melt Flow Rate (190°C/2.16 kg)	ISO 1133	g/10 min	4.0
Melting temperature	ISO 11357	°C	126
Vicat temperature	ISO 306	°C	125

(*) Data not intended for specification purposes.

Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: www.polymers.totalenergies.com.

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Polyethylene