

## Total Lumicene® M6040 Metallocene High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

### Material Notes:

Lumicene® M6040 is a second generation metallocene high density polyethylene with very good organoleptic properties, dimensional stability, rigidity and processability. It is especially suited for the production of caps & closures for non-carbonated drinks by compression molding. Other typical applications include caps & closures for cosmetics and general purpose injection-molded articles. This grade does not contain a slip agent. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-Lumicene-M6040-Metallocene-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Total-Lumicene-M6040-Metallocene-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133/D

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.0 MPa	4210 psi	ISO 527
Tensile Modulus	1.30 GPa	189 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	133 °C	271 °F	ISO 11357

Processing Properties	Metric	English	Comments
Processing Temperature	<= 250 °C	<= 482 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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