

## Total Lumicene® mPE M 3509 Medium Density Polyethylene, Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Medium Density Polyethylene (MDPE), Molded

### Material Notes:

Lumicene® mPE M 3509 is a metallocene-based medium density polyethylene combining the features of conventional blow molding polyethylene with differentiated optical properties such as gloss and contact clarity. In combination with HDPE BM593 (physical blend), Lumicene® mPE M 3509 combines all the current requirements for the manufacture of blow molded packaging in the cosmetics and household liquids markets. Lumicene® mPE M 3509 is a pellet grade and contains antioxidants. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-Lumicene-mPE-M-3509-Medium-Density-Polyethylene-Blow-Molding.php](http://www.lookpolymers.com/polymer_Total-Lumicene-mPE-M-3509-Medium-Density-Polyethylene-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.935 g/cc	0.935 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	F50, Anatrox 100%; ASTM D1693B
Melt Flow	0.90 g/10 min @Load 2.16 kg, Temperature 190 °C	0.90 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133/D

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	8.00 J/cm²	38.1 ft-lb/in²	ISO 179-1

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 200 °C	320 - 392 °F	Monolayer applications
	180 - 220 °C	356 - 428 °F	Coextrusion with HDPE BM 953

## Contact Songhan Plastic Technology Co.,Ltd.

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