

## Total Lumicene® mPE M5220 M Metallocene High Density Polyethylene

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

### Material Notes:

This product is a Total Ecosolutions grade.Lumicene® mPE M5220M is a second generation metallocene high density polyethylene with very good organoleptic properties, dimensional stability, stress-cracking resistance, rigidity and processability.It is especially suited for the production of beverage caps & closures by injection or compression molding, more specifically for carbonated drinks. Other typical applications include caps & closures for cosmetics and general purpose injection-molded articles.This grade contains a slip agent.Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-Lumicene-mPE-M5220-M-Metallocene-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Total-Lumicene-mPE-M5220-M-Metallocene-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ISO 1183
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527
Tensile Modulus	1.00 GPa	145 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	131 °C	268 °F	ISO 11357

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

## Contact Songhan Plastic Technology Co.,Ltd.

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