

Lumicene® mPE M 3509

Medium Density Polyethylene
TOTAL PETROCHEMICALS

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Technical Data

Product Description

Lumicene® mPE M 3509 is a metallocene-based medium density polyethylene (MDPE) 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), mPE M 3509 combines all the current requirements for the manufacture of blow molded packaging in the cosmetics and household liquids markets.

Lumicene® mPE M3509 is a pellet grade and contains antioxidants.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English) • Technical Datasheet (English)
Search for UL Yellow Card	• TOTAL PETROCHEMICALS
Availability	• Asia Pacific • Europe
Additive	• Antioxidant
Features	• Antioxidant • Contact Clarity • High Gloss
Uses	• Blow Molding Applications • Household Goods • Cosmetic Packaging • Packaging
Agency Ratings	• EC 1907/2006 (REACH)
Forms	• Pellets
Processing Method	• Blow Molding

Physical	Nominal Value Unit	Test Method
Density	0.935 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90 g/10 min	ISO 1133
Environmental Stress-Cracking Resistance 100% Antarox, F50	> 1000 hr	ASTM D1693B

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	80 kJ/m ²	ISO 179

Additional Information

Lumicene® mPE M 3509 is best processed between 160 and 200°C in mono layer applications and at temperature between 180 and 220°C in coextrusion with HDPE BM 593.

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

TOTAL PETROCHEMICALS

Houston, TX USA

Telephone: 713-483-5000

Web: <http://www.totalpetrochemicals.biz/>

Distributor

Nexeo Solutions - Europe

Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country.

Telephone: +34-93-480-9125

Web: <http://www.nexeosolutions.com/>

Availability: Belgium, Czech Republic, Denmark, Finland, Ireland, Luxembourg, Netherlands, Norway, Poland, Sweden, United Kingdom

Plastribution

Telephone: +44-845-345-4560

Web: <http://www.plastribution.co.uk/>

Availability: United Kingdom

Reseller

A Reseller is not a distributor authorized by the Supplier.

Honrun International Co., Ltd.

Telephone: 852-69575415

Web: <http://www.ponci.com.cn/eng/>

Availability: China

