

TOTAL Polyethylene Lumicene® M 3410 EP (EU - Blow Molding)

Metallocene Medium Density Polyethylene
TOTAL Refining & Chemicals

Message:

Lumicene® mPE M3410 EP 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), Lumicene mPE M3410 EP combines all the current requirements for the manufacture of blow molded packaging in the cosmetics and household liquids markets.
Lumicene® mPE M3410 EP is a pellet grade and contains antioxidants.

General Information			
Additive	Antioxidation		
Features	Antioxidation		
	Transparent appearance		
	Medium density		
Uses	Cosmetic Packaging		
	Packaging		
	Mixing		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.934	g/cm³	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/m²	ISO 179
Additional Information	Nominal Value	Unit	
Blow Molding Temperature	160 - 200	°C	

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Recommended distributors for this material

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