

Total Lumicene® mPE M 5220 High Density Polyethylene, Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Lumicene® mPE M 5220 is a high density polyethylene with outstanding organoleptic properties, stress-cracking resistance and processability. Lumicene® mPE M 5220 is especially suited for the production of packaging of sterilized milk by extrusion blow molding. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Lumicene-mPE-M-5220-High-Density-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 200 hour	>= 200 hour	F50, Anatrox 100%; ASTM D1693/B
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/D

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	ISO 179

Processing Properties	Metric	English	Comments
Melt Temperature	180 °C	356 °F	Extrusion

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