

## Egyptian European Company

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**PUBLIC FREE ZONE**

### Polyethylene Powder for Rotational Molding

**Egyeuroptene MD 3804 U\*** is a Medium Density Polyethylene powder, designed for Rotational molded items:

**Water tanks, Chemical tanks, Road barriers, Boats, Buoys, Containers, Garbage cans, Flower pots, Manholes, Cool boxes, Feed carts and Toys.**

Property	Test Method	Unit	Value
Melt Flow Rate (190/ 2.16 Kg)	ISO 1133	g/10min	4
Density	ISO 1872/1	g/cm <sup>3</sup>	0.938
Tensile Strength at Yield	ISO 527/1	MPa	18
Elongation at Break	ISO 527/1	%	1300
Flexural Modulus	ISO 178 1975	MPa	700
ESCR, F50, 23°C	ASTM 1693	Hrs	200
Charpy Impact Resistance	ISO 179	KJ / M <sup>2</sup>	20
Mean Particle Size	ASTM D1921-89	Micron	500
Bulk Density	ASTM D 1895	g/cm <sup>3</sup>	0.37
Fluidity	ASTM D 1895	Seconds	26

\* U = UV Stabilized



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The data and information given within this datasheet are to the best of our knowledge based upon experiments and tests which EEC believes to be reliable and only indicated as a typical properties. This datasheet does not constitute any specification limits. Unless specifically indicated, all above values are related to the base resin.