

Egyptian European Company

Factory: Alexandria Public Free Zone Area, Alexandria - Egypt

Head Office: 8A Taha Hussein Rd. New Nozha – Cairo, Egypt

Tel/Fax: +203 4542128 - Mobile:+201 222 111 903

E-mail: eecalex@pccplastic.net Website : www.pccplastic.com

PUBLIC FREE ZONE

Polyethylene Powder for Rotational Molding

Egyeuroptene MD 4005 U* is a Medium Density Polyethylene powder, designed for Rotational molded items: **Water tanks, Chemical tanks, Road barriers, Boats, Buoys, flower pots, Manholes, Cool boxes, Garbage cans and Toys.**

It is characterized by a narrow molecular weight distribution, excellent processability and high stiffness.

Property	Test Method	Unit	Value
Melt Flow Rate (190/ 2.16 Kg)	ISO 1133	g/10min	5 (± 1)
Density	ISO 1872/1	g/cm ³	0.940 (± 0.02)
Tensile Strength at Yield	ISO 527/1	MPa	18
Elongation at Break	ISO 527/1	%	1300
Flexural Modulus	ISO 527/1	MPa	700
ESCR, 100% Igepal F50, 50°C	ASTM 1693	Hrs	200
Charpy Impact Resistance	ISO 179	KJ / M ²	20
Mean Particle Size	ASTM D1921-89	Micron	500
Bulk Density	ASTM D 1895	g/cm ³	0.37
Fluidity	ASTM D 1895	Seconds	27

* 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.