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PUBLIC FREE ZONE

Polyethylene Powder for Rotational Molding

Egyeuroptene LLD 3505 U * 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 (2.16 Kg)	ISO 1133	g/ 10 min	5
Density	ISO 1872/1	g/ m ³	0.935
Tensile Strength at Yield	ISO 527/1	Mpa	18
Elongation at Break	ISO 527/1	%	700
Flexural Modulus	ISO 178 1975	Mpa	700
ESCR, F50, 23C°	ASTM 1693	Hrs	>300
Charpy Impact Resistance	ISO 179	KJ / M ²	30
Mean Particle Size	ASTM D1921-89	Micron	500
Bulk Density	ASTM D 1895	g/cm ³	0.37
Fluidity	ASTM D 1895	Seconds	26

* U = UV Stabilized



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.