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PUBLIC FREE ZONE

Polyethylene Powder for Rotational Molding

Egyeuroptene HX 3405 U* is a Medium Density Polyethylene powder, hexene copolymer designed for Rotational molded items: **Chemical tanks, Storage containers and General UV stabilized rotomoulding applications.**

It is characterized by a narrow molecular weight distribution, high mechanical and chemical properties.

Property	Test Method	Unit	Value
Melt Flow Rate (190/ 2.16 Kg)	ISO 1133	g/10min	5
Density	ISO 1872/1	g/cm ³	0.934
Tensile Strength at Yield	ISO 527/1	MPa	15
Elongation at Break	ISO 527/1	%	650
Flexural Modulus	ISO 527/1	MPa	500
ESCR, 100% Igepal F50, 50°C	ASTM 1693	Hrs	>1000
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	0.38
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.