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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



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.