

HDPE ROTO MOULDING

HD 3840 UA

HD 3840 UA* is an UV virgin medium density polyethylene copolymer grade with a narrow molecular weight distribution supplied in a pellet form.

HD 3840 UA has the following characteristics:

- Excellent processability.
- Impact strength.
- High stiffness.
- Excellent internal and external surface finish.

Applications

- Rotational moulded items : tanks, containers.
- Injection moulded technical parts and closures.



Typical Properties

Property/Grade	Test Method	Unit of measurement	Value
Melt flow rate (2.16 Kg)	ISO 1133	g/10 min	4
Density	ISO 1872/1	Kg/m ³	938
Tensile strength at yield	BP 13B/1	MPa	18
Elongation at break	BP 13B/1	%	1400
Flexural modulus	ISO 178-1975	MPa	750
•ESCR, F50, 23C°	ASTMD 1693	hours	200
Charpy impact resistance	BP 13C /26	KJ/M ²	20

• ESCR: Environmental stress cracking resistance.

* UA: UV stabilization.