



ETILINAS

PRODUCT DATA SHEET

ETILINAS HD3840UA MEDIUM DENSITY POLYETHYLENE

ETILINAS HD3840UA is a ultra-violet (UV) light stabilised linear medium density polyethylene grade with a narrow molecular weight distribution, supplied in pellet form for use as a rotational moulding grade.

CHARACTERISTICS include :

- good impact strength
- excellent external and internal surface finish
- UV stabilised

APPLICATION include :

- rotational moulded items
- injection moulded technical parts and closures

PHYSICAL PROPERTIES

Property	Units	Typical value	Test method
Melt Flow Rate (2.16 kg load)	g/10min	4	ISO 1133 : Condition 4
Density (Annealed)	kg/m ³	938	ISO 1872/1
Tensile Strength at Yield	MPa	16	ISO/R527 : Type 2 Speed D
Elongation at Break	%	>200	ISO/R527 : Type 2 Speed D
Flexural Modulus	MPa	650	ISO 178
Impact Strength (Charpy)	kJ/m	20	ISO 179 : Condition 2C
Hardness (Shore D)	-	62	ISO 868
Melting Point	°C	125	ISO 3146
Vicat Softening Point (1 kg)	°C	117	ISO 306
Thermal Conductivity	W/m°C	0.48	ASTM C 177
Coefficient of Linear Expansion	/°C	10x10 ⁻⁴	ASTM D 696

The physical properties shown are typical values, obtained by averaging a number of test results and small divergencies from the quoted figures may occur.

IMPORTANT NOTICE:

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