

HD3840UA

Product Description

HD3840UA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as rotational moulding applications. HD3840UA has the following characteristics: good impact strength, easy to demold stabilized, good whiteness, excellent surface finish.

Packaging

25 Kg bag

Applications

General purpose rotomolded items, septic tanks, recycling banks.

Typical Data

Property	Unit	Typical Value	Test Method
MELT FLOW INDEX(2.16KG)	g/10min	4	ASTM D-1238
DENSITY	gr/cm ³	0.938	ASTM D-1505
YELLOWNESS INDEX	-	-1	ASTM E-313
WHITENESS INDEX	-	60	ASTM E-313
CONTAMINATION	NO.	5	BP137
VICAT SOFTENING POINT	□C	115	ASTM D-1525
TENSILE STRESS AT YEILD	MPA	15	ASTM D-638
ELONGATION AT BREAK	%	900	ASTM D-638
ESCR (IGEPAL10% F50,23 □C)	HR	350	ASTM D-1693
CHARPY IMPACT	KJ/M ²	18	ASTM D-6110

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications).

**Rotomolded Bucket-23 Liters-3mm Thickness-1.2Kg

Grade Suffix (Additives Indication):

UA: GENERAL ANTIOXIDANT AND LIGHT STABLISER

Property	Unit	Typical Value	Test Method
MELT FLOW INDEX (2.16KG)	g/10min	3.8-4.5	ASTM D-1238
DENSITY	gr/cm ³	0.935-0.939	ASTM D-1505
CONTAMINATION	NO.	≤5 DEFECTS IN 200GR OF PELLETS	BP137