	TYPICAL DATA SHEET*	ISSUE DATE	Mar-16
	GRADE	WWW.TPCO.IR	
	HD3840UA* **	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

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 demould,uv stabilised,good whiteness,excellent surface finish.
This grade has food contact approval.
Applications:
general purpose rotomolded items,septic tanks,recycling banks

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	4
DENSITY	gr/cm3	ASTM D-1505	0.938
YELLOWNESS INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
VICAT SOFTENING POINT	°C	ASTM D-1525	115
TENSILE STRESS AT YEILD	MPA	ASTM D-638	15
ELONGATION AT BREAK	%	ASTM D-638	900
ESCR(IGEPAL10% F50,23°C)	HR	ASTM D-1693	350
CHARPY IMPACT	KJ/M2	ASTM D-6110	18

*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)

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

Grade Suffix(Additives Indication):

UA:GENERAL ANTIOXIDANT AND LIGHT STABLISER

*** HD3840UA falls into the density range of MDPE.However, in order to observing the nomenclature procedure of PE plant licensor (INEOS),this grade is designated as HDPE; while it can be introduced as MD3840UA as well