MDPE ROTO MOULDING

HD3840UA - (T.P.C)

Product Description:
HD3840UA is high density polyethylene copolymer containing butene-1(C4) as co monomer. It is suitable for use as rotational molding applications.HD3840UA has the following characteristics: good impact strength, easy to demoulding, UV stabilized, good whiteness, excellent surface finish. This grade has food contact approval. Applications: general purpose roto molded items, septic tanks, recycling tanks

Typical data – HD3840UA

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW INDEX(190°C 2.16KG)	ASTM D-1238	g/10min	4
DENSITY	ASTM D-1505	gr/cm3	0.938
YELLOWNESS INDEX	ASTM E-313	-	-1
WHITENESS INDEX	ASTM E-313	-	60
CONTAMINATION	BP137	NO.	5
VICAT SOFTENING POINT	ASTM D-1525	°C	115
TENSILE STRESS AT YEILD	ASTM D-638	MPA	15
ELONGATION AT BREAK	ASTM D-638	%	900
ESCR(IGEPAL10% F50,23 C)	ASTM D-1693	HR	350
CHARPY IMPACT	ASTM D-6110	KJ/M2	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)

** 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

Grade Suffix (Additives Indication) UA: GENERAL ANTIOXIDANT AND LIGHT STABLISER