

HD3840UA

H D3840UA 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.

Application:

general purpose rotomoulded items, septic tanks, recycling banks

Producer

Tabriz Petrochemical Company

ROTOMOULDED PRODUCT**

Property	unit	Test Method	Typical value
MELT FLOW INDEX(2.16KG)	g/10min	ISO1133-1997,Condition D	4
DENSITY	gr/cm ³	ISO1872/1-1993	0.938
TENSILE STRESS AT YEILD	MPA	-	18
ELONGATION AT BREAK	%	-	>1000
ESCR(F50,23°C)	HR	-	200
IMPACT RESISTANCE	J	-	10

MOULDING

Property	unit	Test Method	Typical value
MELT FLOW INDEX(2.16KG)	g/10min	ISO1133-1997,Condition D	4
DENSITY	gr/cm ³	ISO1872/1-1993	0.938
TENSILE STRESS AT YEILD	MPA	ISO527-1976,Type 2 Speed D	19
ELONGATION AT BREAK	%	ISO527-1976,Type 2 Speed D	>1000
FLEXURAL MODULUS	MPA	ISO178-1997	650
CHARPY IMPACT	KJ/M ²	ISO179-1982	1010
HARDNESS	-	ISO868-1978,Type D	62
MELTING POINT	°C	ASTM D-2117	127
VICAT SOFTENING POINT	°C	ISO306 Method A	117

*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 STABILISER

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