



HD5050UA

HD5050UA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as rotational moulding applications.

HD5050UA has the following characteristics:

good impact strength, easy to demould, uv stabilised, good whiteness, excellent surface finish.

Application:

general purpose rotomolded items, septic tanks, recycling banks

Producer

Tabriz Petrochemical Company

Property	unit	Test Method	Typical value
MELT FLOW INDEX(2.16KG)	g/10min	ISO1133-1997,Condition D	4.2
DENSITY	gr/cm ³	ISO1872/1-1993	0.950
TENSILE STRESS AT YEILD	MPA	ISO527-1976,Type 2 Speed D	24
ELONGATION AT BREAK	%	ISO527-1976,Type 2 Speed D	>1000
FLEXURAL MODULUS	MPA	ISO178-1997	900
CHARPY IMPACT	KJ/M ²	ISO179-1982	8
HARDNESS	-	ISO868-1978,Type D	64
MELTING POINT	°C	ASTM D-2117	130
VICAT SOFTENING POINT	°C	ISO306 Method A	121
SPECIFIC HEAT	J/KG°C	-	2300

*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)

Grade Suffix (Additives Indication):

UA: GENERAL ANTIOXIDANT AND LIGHT STABILISER