

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-15
	GRADE	WWW.TPCO.IR	
	HD6070EA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984114282612	

HD6070EA is high density polyethylene copolymer containing butene-1(C4) as comonomer with medium content of light stabiliser additive. It is suitable for general purpose injection moulding items.

HD6070EA has the following characteristics:

good impact strength, easy processing, high warpage resistance, high rigidity

Applications:

crates, boxes, seats

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	7
DENSITY	gr/cm ³	ASTM D-1505	0.960
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
VICAT SOFTENING POINT	°C	ASTM D-1525	120
TENSILE STRESS AT YEILD	MPA	ASTM D-638	26
ELONGATION AT BREAK	%	ASTM D-638	900
CHARPY IMPACT	KJ/M ²	ASTM D-6110	5

*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):

EA: GENERAL ANTIOXIDANT

	STANDARD SALES SPECIFICATIONS (GUARANTEED ITEMS)*	ISSUE DATE	Feb-15
	GRADE	WWW.TPCO.IR	
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PROPERTY	UNIT	TEST METHOD	SPECIFICATION RANGE
MELT FLOW INDEX (2.16KG)	g/10min	ASTM D-1238	6.8-7.5
DENSITY	gr/cm3	ASTM D-1505	0.956-0.960
CONTAMINATION	NO.	BP137	≤5 DEFECTS IN 200GR OF PELLETS

*FOR MORE INFORMATION PLEASE CALL QUALITY ASSURANCE DEPARTMENT AT ABOVE ADDRESS.