

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-2022
	POLYETHYLENE	WWW.TPCO.IR	
	HD6070EA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

HD6070EA is high density polyethylene copolymer containing butene-1(C4) as co monomer with medium content of light stabilizer additive. It is suitable for general purpose injection molding items. HD6070EA has the following characteristics: good impact strength, easy processing, high warpage resistance, high rigidity. This grade has food contact approval.
Applications: crates, boxes, seats

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (190°C 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
VICAT SOFTENING POINT	°C	ASTM D-1525	120
TENSILE STRESS AT YEILD	MPA	ASTM D-638	26
MELTING POINT	°C	ASTM D-2117	132
ELONGATION AT BREAK	%	ASTM D-638	900
FLEXURAL MODULUS	MPA	ISO178-197	1400
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