	TYPICAL DATA SHEET*	ISSUE DATE	Feb-15
	GRADE	WWW.TPCO.IR	
	HD5218EA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984114282612	

HD5218EA is high density polyethylene copolymer containing butene-1(C4) as comonomer.

It is suitable for thin wall injection moulding applications.

HD5218EA has the following characteristics:

high warpage resistance, high flow, fast cycling injection moulding

Applications:


general purpose injection moulding with indoor applications.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	18
DENSITY	gr/cm3	ASTM D-1505	0.952
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
VICAT SOFTENING POINT	°C	ASTM D-1525	115
TENSILE STRESS AT YEILD	MPA	ASTM D-638	20
ELONGATION AT BREAK	%	ASTM D-638	900
CHARPY IMPACT	KJ/M2	ASTM D-6110	3

*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	
	HD5218EA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984114282612	

PROPERTY	UNIT	TEST METHOD	SPECIFICATION RANGE
MELT FLOW INDEX (2.16KG)	g/10min	ASTM D-1238	17-19
DENSITY	gr/cm3	ASTM D-1505	0.951-0.953
CONTAMINATION	NO.	BP137	≤5 DEFECTS IN 200GR OF PELLETS

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