

	TYPICAL DATA SHEET*	ISSUE DATE	July-2020
	POLYETHYLENE	WWW.TPCO.IR	
	HD5218UA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

HD5218UA is high density polyethylene copolymer containing butene-1(C4) as co monomer. It is suitable for thin wall injection molding applications. HD5218UA has the following characteristics: high warpage resistance, high flow, fast cycling injection molding, UV stabilized. This grade has food contact approval.

Applications: general purpose injection molding with outdoor & indoor applications.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(190°C 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) UA: GENERAL ANTIOXIDANT AND LIGHT STABILISER