

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-2022
	POLYETHYLENE		WWW.TPCO.IR
	HD5030SA		IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612

HD5030SA is high density polyethylene copolymer containing butene-1(C4) as co monomer with medium content of slip agent additive. HD5030SA has the following characteristics: good impact strength, excellent surface finish, caps with torque free property. This grade has food contact approval.

Applications: caps and closures for packaging with free torque advantage.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (190°C 2.16KG)	g/10min	ASTM D-1238	1.8
DENSITY	gr/cm3	ASTM D-1505	0.948
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
VICAT SOFTENING POINT	°C	ASTM D-1525	112
TENSILE STRESS AT YEILD	MPA	ASTM D-638	20
ELONGATION AT BREAK	%	ASTM D-638	1100
CHARPY IMPACT	KJ/M2	ASTM D-6110	15

*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): SA: GENERAL ANTIOXIDANT WITH SLIP AGENT