

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-2022
	POLYETHYLENE	WWW.TPCO.IR	
	LL0410AA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL: +984134282612	

LL0410AA is linear low density polyethylene copolymer containing butene-1(C4) as co monomer. It is suitable for blending with conventional LDPE. Film made from pure LL0410AA has the following advantages over LDPE: better sealing, lower seal shrinkage, greater drawdown ability and higher stiffness & toughness

Applications: green house film, silage film, hand bags and general-purpose film applications.

PROPERTY		UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (190°C 2.16KG) MFR (UNDER LOAD 21.6KG/2.16KG)		g/10min	ASTM D-1238	1 29-30
DENSITY		gr/cm3	ASTM D-1505	0.926
VICAT SOFTENING POINT		°C	ASTM D-1525	107
FILM**				
DART DROP IMPACT	METHOD A	GR	ASTM D-1709	80
TENSILE STRESS AT YEILD	MD/TD	MPA	ASTM D-882	12/13
TENSILE STRESS AT BREAK	MD/TD	MPA	ASTM D-882	42/33
TEAR STRENGTH	MD/TD	gr/25μ	ASTM D1922	80/325
1%SECANT MODULUS	MD/TD	MPA	ISO 1184	235/245
ELONGATION AT BREAK	MD/TD	%	ASTM D-882	620/850
HAZE	-	%	ASTM D-1003	12
GLOSS (45°)	-	%°	ASTM D-2457	50

*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)

**38μm film, 2.5:1 blow up ratio, 225°C melt temperature, MD: Machine Direction, TD: Transverse Direction
Grade Suffix (Additives Indication) AA: GENERAL ANTIOXIDANT