

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-2022
	POLYETHYLENE	WWW.TPCO.IR	
	LL0640AA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL: +984134282612	

LL0640AA 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 LL0640AA has the following advantages over LDPE: good balance of mechanical properties, good optical properties.

Applications: hand wrap stretch film, cast stretch film and display packaging.

PROPERTY		UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (190°C 2.16KG)		g/10min	ASTM D-1238	4
MFR (UNDER LOAD 21.6KG/2.16KG)				29-30
DENSITY		gr/cm3	ASTM D-1505	0.930
VICAT SOFTENING POINT		°C	ASTM D-1525	105
FILM**				
DART DROP IMPACT	METHOD A	GR	ASTM D-1709	60
TENSILE STRESS AT YEILD	MD/TD	MPA	ASTM D-882	10/10
TENSILE STRESS AT BREAK	MD/TD	MPA	ASTM D-882	32/24
ELONGATION AT BREAK	MD/TD	%	ASTM D-882	750/850
HAZE	-	%	ASTM D-1003	2
GLOSS (45°)	-	%°	ASTM D-2457	87

*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 cast at 75m/min, 240°C melt temperature, MD: Machine Direction, TD: Transverse Direction
Grade Suffix (Additives Indication) AA: GENERAL ANTIOXIDANT