

	<b>TYPICAL DATA SHEET*</b>	ISSUE DATE	Jul-16
	GRADE	<a href="http://WWW.TPCO.IR">WWW.TPCO.IR</a>	
	LL0209KJ	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

LL0209KJ is linear low density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for blending with conventional LDPE.

Film made from pure LL0209KJ has the following advantages over LDPE:

better sealing, higher puncture resistance, greater drawdown ability, easy opening properties at 2 layer film and higher tensile strength. This grade has food contact approval.

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)	g/10min	ASTM D-1238	0.9
DENSITY	gr/cm <sup>3</sup>	ASTM D-1505	0.921
VICAT SOFTENING POINT	°C	ASTM D-1525	105

FILM\*\*

PROPERTY	METHOD A	GR	TEST METHOD	TYPICAL VALUE
DART DROP IMPACT			ASTM D-1709	140
TENSILE STRESS AT YIELD	MD/TD	MPA	ASTM D-882	10/11
TENSILE STRESS AT BREAK	MD/TD	MPA	ASTM D-882	41/32
ELONGATION AT BREAK	MD/TD	%	ASTM D-882	620/840
HAZE	-	%	ASTM D-1003	12
GLOSS(45°)	-	%°	ASTM D-2457	56

\* 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):

KJ: GENERAL ANTIOXIDANT WITH SLIP AGENT/ANTIBLOCKING AGENTS