

	<b>TYPICAL DATA SHEET*</b>	<b>ISSUE DATE</b>	<b>Feb-2022</b>
	<b>POLYETHYLENE</b>	<a href="http://WWW.TPCO.IR">WWW.TPCO.IR</a>	
	<b>LL0209AA</b>	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

LL0209AA 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 LL0209AA has the following advantages over LDPE: better sealing, higher puncture resistance, greater drawdown ability 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
<b>MELT FLOW INDEX (190°C 2.16KG)</b>		g/10min	ASTM D-1238	0.9
<b>MFR (UNDER LOAD 21.6KG/2.16KG)</b>				29-30
<b>DENSITY</b>		gr/cm3	ASTM D-1505	0.919
<b>VICAT SOFTENING POINT</b>		°C	ASTM D-1525	105
<b>FILM**</b>				
<b>DART DROP IMPACT</b>	METHOD A	GR	ASTM D-1709	140
<b>TENSILE STRESS AT YEILD</b>	MD/TD	MPA	ASTM D-882	10/11
<b>TENSILE STRESS AT BREAK</b>	MD/TD	MPA	ASTM D-882	41/32
<b>TEAR STRENGTH</b>	MD/TD	gr/25μ	ASTM D1922	145/370
<b>1%SECANT MODULUS</b>	MD/TD	MPA	ISO 1184	195/205
<b>ELONGATION AT BREAK</b>	MD/TD	%	ASTM D-882	620/840
<b>HAZE</b>	-	%	ASTM D-1003	12
<b>GLOSS (45°)</b>	-	%°	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) AA: GENERAL ANTIOXIDANT