

LL0209UA

LL0209UA is linear low density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for blending with conventional LDPE.

Film made from pure LL0209UA has the following advantages over LDPE:

better sealing, Higher Puncture resistance, greater drawdown ability, better resistance on sunlight and higher tensile strength.

Applications

green house film, silage film, mulch film, hand bags and general purpose film with outdoor applications

Producer

Tabriz Petrochemical Company

Properties	Value	Units	Test Method
MFR (2.16 Kg)	0.9	gr/10min	ISO1133 Condition 4
Density	0.921	gr/cm ³	ISO1872/1
Vicat Softening Point	100	°C	ISO306 Method A

Film**

Dart Drop Impact	METHOD A	100	GR	ASTM D-1709
Tensile Stress At Yield	MD/TD	10/11	MPA	ISO1184
Tensile Stress At Break	MD/TD	41/32	MPA	ISO1184
Elongation At Break	MD/TD	620/840	%	ISO1184
1%Secant Modulus	MD/TD	195/205	MPA	ISO1184

Tear Strength	MD/TD	145/730	GR/25µm	ASTM D-1922
C.O.F	-	>0.5	-	ASTM D-1894
Haze	-	12	%	ASTM D-1003
Gloss(45°)	-	50	%°	ASTM D-2457

*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

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