

AMIR KABIR PETROCHEMICAL COMPANY

LLDPE LL0209 AA

Linear Low Density Polyethylene



A M I R K A B I R P E T R O C H E M I C A L C O M P A N Y

1 Product Description:

“LL 0209AA” is a LLDPE copolymer with butene as comonomer which contains antioxidant. It is recommended for general purpose applications. It is suitable for blending with conventional LDPE. Film made from pure LL 02090 AA has the following advantages over conventional LDPE:
Better sealing, higher puncture resistance.
Greater drawdown capability.
Higher tensile strength.
Neutralizer: Calcium Stearate.
Antioxidant: Irganox1010, Irganox168

2 Applications:

- Food Grade
- Heavy duty sacks, agricultural films, liners.
- Produce bags, stretch film



LLDPE

No.	Property	Result	Value	Unit	Test Method
1	MFR (190°C/2.16kg)		0.9	g/10min	ISO 1133
2	Density		920	Kg/m ³	ISO 1183
3	Tensile Strength at Yield MD/TD		10/11	MPa	ISO 527
4	Tensile Strength at Break MD/TD		41/32	MPa	ISO 527
5	Elongation at Break MD/TD		620/840	%	ISO 527
6	Tear Strength MD/TD		145/370	g/25μ	ASTM D1922
7	Dart Drop Impact		150	g	ASTM D1709

Typical properties:
these are not to be construed as specifications.

AKPC