

# AMIR KABIR PETROCHEMICAL COMPANY

## LLDPE LL0209 KJ or SR

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 0209KJ” is a LLDPE copolymer with butene as comonomer which contains antioxidant, Slip and antiblock additives. It gives film of high slip which is easily separable.

It is recommended for general purpose applications. It is suitable for blending with conventional LDPE. Film made from pure LL 0209 KJ has the following advantages over conventional LDPE:

- Easier sealing.
- Greater drawdown capability.
- Higher tensile strength.
- Higher puncture resistance.

### 2 Applications:

- Food Grade
- refuse sacks.
- produce bags, carrier bags.

#### High Slip/Antiblock Grade

Additive	Silica	Talc
Neutralizer	Calcium Stearate	Calcium Stearate
Antioxidant	Irganox1010 , Irgafos168	Irganox1010 , Irgafos168
Antiblock	Siloblock47	Talc ABT 250
Slip	Erucamide	Erucamide

No.	Property	Value	Unit	Test Method
1	MFR ( 190°C/2.16kg)	0.9	g/10min	ISO 1133
2	Density	921	Kg/m <sup>3</sup>	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

LLDPE