

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## LINEAR LOW DENSITY POLYETHYLENE (L.L.D.P.E)

# LL 209 KJ

FILMGRADE / AMIRKABIR, SHAHZAND, TABRIZ Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.921	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	0.9	g/10 min	At 2.16Kg, 190°C	ASTM D1238
Film Elongation at Break, MD	620	%	-----	ASTM D882
Film Elongation at Break, TD	840	%	-----	ASTM D882
Film Tensile Strength at Break, MD	41	MPa	-----	ASTM D882
Film Tensile Strength at Break, TD	32	MPa	-----	ASTM D882
Film Tensile Strength at Yield, MD	10	MPa	-----	ASTM D882
Film Tensile Strength at Yield, TD	11	MPa	-----	ASTM D882
Impact Strength, Dart	100	gr	Method A	ASTM D1709
Vicat Softening Point	105	°C	-----	ASTM D1525
Gloss	36	-----	45 °C	ASTM D2457
Haze	12	%	-----	ASTM D1003

- Manufacturer: Amirkabir, Shahzand and Tabriz Pet.co.
- Application: Film, Food Bag, Stretch Film, Heavy Duty Film, Agricultural Film, General Purpose Film, Liner Bag.
- Process: Film.
- Amirkabir Pet.co. Additives: Anti-blocking, lubricant, antioxidant, neutralizer.
- Shahzand and Tabriz Pet.co. Additives: Anti-blocking, lubricant, antioxidant.
- Features: Good sewability, good processability, good optical properties, food contact grade, good puncture resistance.

**PETRO BAMDAD AZARAN**

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