



Arak Petrochemical Company



ISO 9001:2000
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Linear Low Density Polyethylene

LL0209CA

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	0.9
Density	D2839	gr/ml	0.920
Vicat Softening Point	D1525	°C	100
Tensile Strength @ Yield ,MD/TD	D638	Mpa	9.5/9.5
Elongation@Break, MD/TD	D638	%	450/800
Tensile Strength@Break,MD/TD	D688	Mpa	38/28
Tear Strength, MD/TD	D1922	gr/25mic	85/530
Impact Strength, Dart	D1709	gr	150
Haze	D1003	%	5
Gloss (45°)	D2457	Rating	70

➤ Values shown are averages & are not to be considered as product specifications.

* 20 microns, 2:1 Blow ratio / MD=Machine Direction, TD=Transverse Direction

❖ Main application & Characteristics:

LL0209CA is a linear low density polyethylene copolymer containing butene-1 as a co-monomer.

LL0209CA is suitable for stretch wrap blown films neat or in lean blend with LDPE products.

LL0209CA shows good puncher resistance and cling performance. Typical melt temperature range in extruder is about 180°C - 220°C.

LL0209CA should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

* LL0209CA