



Arak Petrochemical Company



ISO 9001:2000

Certificate No.: CH98/8032

ISO 14001:2004

Certificate No.: CH03/0112

OHSAS 18001:1999

Certificate No.: CH05/0675

Linear Low Density Polyethylene

LL0640AA / LL0640KJ

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	4
Density	D2839	gr/ml	0.929
Tensile Strength@Yield, MD/TD	D638	Mpa	12/12
Elongation@Break, MD/TD	D638	%	600/810
Tensile Strength@Break, MD/TD	D688	Mpa	33/25
Haze	D1003	%	2
Gloss(45°)	D2457	Rating	87

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

* 40 microns, Film Cast at 75 m/min, 240°C

MD=Machine Direction, TD=Transverse Direction

❖ Main application & Characteristics:

LL0640AA & LL0640KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer.

LL0640AA & LL0640KJ have been specially designed for the production of high quality cast films, such as display packaging, bubble film and non cling layer for stretch film.

LL0640AA & LL0640KJ have the following advantages:

- High melt flow rate for high output cast extrusion.
- Excellent combination of strengths and stiffness.
- High gloss and clarity.

If corona treatment is necessary, the level should normally be in the range 38-48 mN/m.

Melt temperature range in the cast process are normally 220°C-260°C and in lean blends for blown film are 160°C-215°C.

LL0640AA & LL0640KJ should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

* LL0640AA & LL0640KJ are suitable for food contact.