

Linear Low Density Polyethylene LL0410AA / LL0410KJ

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	0.9-1.1
Density	D2839	gr/ml	0.924-928
Vicat Softening Point	D1525	°C	105
Tensile Strength @Yield ,MD/TD	D638	Mpa	12/13
Elongation @Break, MD/TD	D638	%	650/800
Strength @Break, MD/TD	D688	Mpa	42/33
Impact Strength, Dart	D1709	gr	90
Haze	D1003	%	13
Gloss (45°)	D2457	Rating	48

^{3/4} Values shown are averages & are not to be considered as product specifications.

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

Main application & Characteristics

LL0410AA & LL0410KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer.

LL0410AA & LL0410KJ are suitable for thin and stiff blown films because of their good draw down properties. **LL0410AA** also can be used for applications such as carrier bags and garment wraps.

LL0410KJ contains slip and anti-blocking agents for better opening properties.

Recommended melt temperature for extrusion is about 180°C - 225°C.

LL0410AA & LL0410KJ should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

* **LL0410AA & LL0410KJ** are suitable for food contact.