

Linear Low Density Polyethylene LL1209AA / LL1209KJ

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

^{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

LL1209AA & LL1209KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer. **LL1209AA & LL1209KJ** are suitable for co extrusion blown films with the following advantages:

- Improved hot-tack.
- Good optical properties.
- Low gel level and low odour.
- Good substrate adhesion.
- Tough core layer.

Typical applications for **LL1209AA & LL1209KJ** are lamination films and heat sealing layers. Also **LL1209KJ** is highly recommended for display packaging. **LL1209KJ** offers high slip film with easy opening properties when used pure in thickness range 35-100 microns. Addition of other polymers, master batches and pigments or use of other thickness may alter film slip and anti-block performance.

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

LL1209AA & LL1209KJ should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

* **LL1209AA & LL1209KJ** are suitable for food contact

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