AKSAD GROUP PETROCHEM

LL0209AA / LL0209KJ

Linear Low Density Polyethylene

Properties	Value	Unit	Method
MFI@190° C, 2.16 kg	0.9	gr/10min	**D1238**
Density	0.920	gr/ml	**D2839**
Vicat Softening Point	100	C°	**D1525**
Tensile Strength@Yield, MD/TD	10.5/11	Mpa	**D638**
Elongation@Break, MD/TD	620/840	%	**D638**
Tensile Strength@Break, MD/TD	41/32	Mpa	**D638**
Tear Strength, MD/TD	145/370	gr/25mic	**D1922**
Impact Strength, Dart	150	gr	**D1709**
Haze	10	%	**D1003**
Gloss (45°)	56	Rating	**D2457**

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

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

Application & Characteristics

LL0209AA & LL0209KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer.

LL0209AA & LL0209KJ are suitable for general purpose films, neat or in lean blends with LDPE and other ethylene polymers. Lean blends applications include sacks of all types, FFS and agricultural films.

In lean blends they offer the following advantages:

- Greater draw down.
- Improved hot-tack and lower seal shrinkage
- Better tear resistance.
- Higher tensile stress and elongation at break.

LL0209KJ 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.

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

mN/m. LL0209AA & LL0209KJ should be stored in the dry condition below the 50° C and avoided from the exposure of direct sunlight.

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

LL0209AA & LL0209KJ are suitable for food contact.

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