

## LL0220AA &KJ\*

### LINEAR LOW DENSITY POLYETHYLENE

#### General Informations:

LL0220 is a LLDPE copolymer with butene-1 as comonomer which contains anti oxidant. It is suitable for the production of blown film for light duty application with a high slip requirement

Film made from LL0220 can be produced at higher output compared to standard LLDPE (MFR =1 dg/min) butene-1 copolymers.

#### Applications:

LL0220 is suitable for producing of cast film and light and medium duty film.

#### Specification:

Property		Unit	Value	Test Method
MFI ( 190°C/2.16 kg )		gr/10min	2.4	ASTM D 1238
Density		gr/cm <sup>3</sup>	0.921	ASTM D 792
Dart drop impact		gr	130	ASTM D 1709
Tensile strength @ yield	MD	MPa	10	ISO 1184
Tensile strength @ yield	TD	MPa	11	ISO 1184
Tensile strength @ break	MD	MPa	36	ISO 1184
Tensile strength @ break	TD	MPa	28	ISO 1184
Elongation @ break	MD	%	600	ISO 1184
Elongation @ break	TD	%	800	ISO 1184
Elemendorf tear strength	MD	MPa	110	ASTM D 1922
Elemendorf tear strength	TD	g/25 μ m	300	ASTM D 1922

38 micron film

The above data are typical laboratory average . They are intended to serve as guides only.

\* KJ grade contains anti block and slip agent additives.



LDPE	LLDPE	MDPE	HDPE	PP	PVC	GPPS	HIPS	EPS	PET	ABS	SBR	PBR	PC	E.P.
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#### **Recommended Processing Conditions:**

LL0220 can be processed in most types of blown nad cast film equipments that designed for LLDPE.

	Unit	Blown	Cast
Temperature settings:	°C	180 to 220	240-280
Melt temperature	°C	225	260
Blow-up Ratio	---	2:1	-

#### **Storage:**

LL0220 should be stored in a dry and dust free environment at temperatures below 50°C . Exposure to direct sunlight should be avoided as this may lead to product deterioration .

#### **Recycling & Environment :**

End products made from this polymer can be recycled, incinerated or disposed of in landfill without detriment to the environment . With recycling ,clean waste can be re-used for many less demanding applications .

Alternatively with properly controlled and efficient incineration preferably linked to heat or other energy recovery systems , polyethylene's high calorific value will assist the combustion of municipal solid waste .

In landfill sites LL0220 does not degrade to produce voids, and does not emit dangerous gases or contribute to ground water pollution .

If pigments or other additives are incorporated into this grade at the processing stage , the above statements may not be fully valid.

#### **Packing:**

This product is packed in 25 Kg PE bags.