



Producer: NPC / Iran

LL00220AA & KJ*

Description:

LL00220 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 **LL00220** can be produced at higher output compared to standart LLDPE (MFR =1 dg/min) butene-1 copolymers.

Applications:

LL00220 is suitable for producing of cast film and light and medium duty film.

PROPERTY		UNIT	VALUE	TEST METHOD
MFI (190°C/2.16 kg.)		gr/10min	2.4	ASTM D 1238
Density		gr/cm ³	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
Elmendorf tear strenght	MD	MPa	110	ASTM D 1922
Elmendorf tear strenght	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.

RECOMMENDED PROCESSING CONDITIONS:

LL00220 can be processend in most types of blown nad cast film equipments that designed for LLDPE.

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

Storage :

LL00220 should be stored in a dry and fust free anvironment at temperatures below 50°C. Exposure to direct sunlight should be avoided as this may lead to product detetioration.

Packing :

This product is packed in 25 Kg. PE bags.