

## Technical Datasheet LL0220 KJ

### 1) Product Description:

“LL0220KJ are linear low density polyethylene copolymers containing butane-1 as the comonomer. In lean blends, this resin offer greater drawdown compared to LDPE neat and produced Films are tough with better tear resistance, high tensile stress and good hot-tack properties. LL0220KJ offers high slip film with easy opening properties when used pure in thickness rang 35-100µm. Addition of other polymers or use other thickness may alter film slip and antiblock performance.

### 2) Applications:

- Shipping sacks
- Carrier and garbage bags
- Consumer packaging
- High clarity film if blended with LDPE.
- In lean blend to producing FFS and agricultural film.

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI(190°C /2.16Kg)	ASTM D 1238	gr/10Min	2.3
MFI(190°C /21.6Kg)			-
Density	ASTM D 1505	gr/cm <sup>3</sup>	0.920
Haze	ASTM D 1003	%	12
Gloss(45°)	ASTM D 2457	%	30
Anti Oxidant			√
Anti Block			√
Slip Agent			√
Dart Drop Impact	ASTM D 709(A)	g	90
Tear Strength MD/TD	ASTM D 1922	gr/25µm	100/300
Tensile Strength at yield MD/TD	ASTM D 882	MPa	10/11
Tensile Strength at Break MD/TD	ASTM D 882	MPa	30/25
Elongation at Break MD/TD	ASTM D 882	%	1000/1100
Secant Modulus MD/TD	ASTM D 882	MPa	80/100
Coefficient of friction	ASTM D1894	-	0.13
Vicat Softening Temperature	ASTM D 1525	°C	100
Melting Point	BPC	°C	123

\* Typical values not to be construed as specifications.