

LL0220KJ

LL0220KJ is linear low density polyethylene copolymer containing butene-1(C4) as comonomer.It is suitable for blending with conventional LDPE for blown film applications.

Film made from pure LL0220KJ has the following advantages over LDPE:

Good Balance of Mechanical Properties,Good Optical Properties,Easy Opening Properties in 2 layer film.

Application:

Light and Medium Duty Films with Good Optical Properties.

| PROPERTY | UNIT | TEST METHOD | TYPICAL VALUE |
|-------------------------|---------|---------------------|---------------|
| MELT FLOW INDEX(2.16KG) | g/10min | ISO1133 Condition 4 | 2.4 |
| DENSITY | gr/cm3 | ISO1872/1 | 0.921 |
| VICAT SOFTENING POINT | °C | ISO306 Method A | 98 |

FILM**

| | | | | |
|-------------------------|----------|---------|-------------|---------|
| DART DROP IMPACT | METHOD A | GR | ASTM D-1709 | 90 |
| TENSILE STRESS AT YEILD | MD/TD | MPA | ISO1184 | 10/8 |
| TENSILE STRESS AT BREAK | MD/TD | MPA | ISO1184 | 23/19 |
| ELONGATION AT BREAK | MD/TD | % | ISO1184 | 550/750 |
| 1%SECANT MODULUS | MD/TD | MPA | ISO1184 | 80/100 |
| TEAR STRENGTH | MD/TD | GR/25μm | ASTM D-1922 | 100/300 |
| HAZE | - | % | ASTM D-1003 | 1 |
| GLOSS(45°) | - | %° | ASTM D-2457 | 95 |

*: All above mentioned data are typical values and not to be construed as real specifications.Users should confirm results by their own tests.For taking more information about guaranteed items, please refer to S.S.S.(standard sales specifications)

**: $38\mu\text{m}$ film,2.5:1 blow up ratio,225°C melt temperature , MD: machine direction,TD:transverse direction

Grade Suffix(Additives Indication):

KJ:GENERAL ANTIOXIDANT WITH SLIP AGENT/ANTIBLOCKING AGENTS

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