

## Technical Datasheet LL0220AA

### 1) Product Description:

“LL 0220 AA” is a LLDPE copolymer with butene as comonomer which contains antioxidant. This grade is suitable for the production of blown film for light duty applications and for the production of cast stretch film. Film made from LL 0220 AA can be produced at higher output compared to standard 1 MFR LLDPE butene copolymers.

Neutralizer: Zinc Oxide

Antioxidant: Irganox1010, Irganox168

### 2) Applications:

Light and medium duty film.

Stretch film.

### 3) Typical data:

| PROPERTY                    | TEST METHOD | UNIT              | TYPICAL VALUE* |
|-----------------------------|-------------|-------------------|----------------|
| Melt Flow Rate(MFR)         | ISO 1133    | g/10min           | 2.2            |
| (190 °C/2.16Kg)             |             |                   | ---            |
| (190 °C/5Kg)                |             |                   | ---            |
| (190 °C/21.6Kg)             |             |                   |                |
| Density                     | ISO 1183    | g/cm <sup>3</sup> | 0.920          |
| Impact Strength             | ASTM D 1709 | gr                | 130            |
| Tear Strength TD            | ASTM D1922  | g/25μ             | 300            |
| Tear Strength MD            | ASTM D1922  | g/25μ             | 110            |
| Yield Stress TD             | ISO 527     | MPa               | 11             |
| Yield Stress MD             | ISO 527     | MPa               | 10             |
| Tensile Strength TD         | ISO 527     | MPa               | 28             |
| Tensile Strength MD         | ISO 527     | MPa               | 36             |
| Elongation at break TD      | ISO 527     | %                 | 800            |
| Elongation at break MD      | ISO 527     | %                 | 600            |
| Modulus of elasticity TD    | ISO 527     | MPa               |                |
| Modulus of elasticity MD    | ISO 527     | MPa               |                |
| Puncher Resistance          |             |                   |                |
| Coefficient of Friction     |             |                   |                |
| Vicat Softening Temperature | ISO 306     | °C                | 93             |
| Melting Point               | ISO 3146    | °C                |                |

\* Typical values not to be construed as specifications.