

## Technical Datasheet

### LL0209AA

#### 1) Product Description:

LL0209AA is a linear low density polyethylene copolymer containing butane-1 (C4) as comonomer. It is suitable for blending with conventional LDPE.

Film made from pure LL0209AA has the following advantages over LDPE: better sealing, higher puncture resistance, greater drawdown ability and higher tensile strength. This grade has food contact approval.

#### 2) Applications:

- ✓ Green house film
- ✓ Silage film
- ✓ Hand bags and general purpose film applications.

#### 3) Typical data:

| PROPERTY                        | TEST METHOD | UNIT               | TYPICAL VALUE* |
|---------------------------------|-------------|--------------------|----------------|
| Melt Flow Index (190°C 2.16 kg) | ASTMD 1238  | g/10 min           | 0.9            |
| Density                         | ASTM D 1505 | gr/cm <sup>3</sup> | 0.921          |
| Vicat Softening Point           | ASTM D 1525 | °C                 | 105            |
| Tensile strength at Yield       | ASTM D 882  | MPa                | 10/11          |
| Tensile strength at Break       | ASTM D 882  | MPa                | 41/32          |
| Dart Drop Impact                | ASTM D 1709 | gr                 | 140            |
| Elongation at Break             | ASTM D 882  | %                  | 620/840        |
| Haze                            | ASTM D 1003 | %                  | 12             |
| Gloss (45°)                     | ASTM D 2457 | %                  | 56             |

\*All above mentioned data typical values and not to be construed as real specifications.

Address: No. 14, 1st floor, 23B, Tskneti Highway, Vake-Saburtalo Reg., Tbilisi, Georgia.

ZIP Code: 0162, Tel: +995 322434008/9, Email: [info@mrchemicalge.com](mailto:info@mrchemicalge.com) | [www.mrchemicalge.com](http://www.mrchemicalge.com)