

کوثر شیمی

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1 Product Description:

“LL 0209AA” is a LLDPE copolymer with butene as comonomer which contains antioxidant.

It is recommended for general purpose applications.

It is suitable for blending with conventional LDPE.

Film made from pure LL 02090 AA has the following advantages over conventional LDPE:

Better sealing, higher puncture resistance.

Greater drawdown capability.

Higher tensile strength.

Neutralizer: Calcium Stearate.

Antioxidant: Irganox1010, Irganox168

2 Applications:

- Food Grade
- Heavy duty sacks, agricultural films, liners.
- Produce bags, stretch film

| No. | Property | Result | Value | Unit | Test Method |
|-----|---------------------------------|--------|---------|-------------------|-------------|
| 1 | MFR (190°C/2.16kg) | | 0.9 | g/10min | ISO 1133 |
| 2 | Density | | 920 | Kg/m ³ | ISO 1183 |
| 3 | Tensile Strength at Yield MD/TD | | 10/11 | MPa | ISO 527 |
| 4 | Tensile Strength at Break MD/TD | | 41/32 | MPa | ISO 527 |
| 5 | Elongation at Break MD/TD | | 620/840 | % | ISO 527 |
| 6 | Tear Strength MD/TD | | 145/370 | g/25μ | ASTM D1922 |
| 7 | Dart Drop Impact | | 150 | g | ASTM D1709 |

Typical properties:
these are not to be construed as specifications.

AKPC