

LL0209 AA Linear Low Density Polyethylene

Product Description:

“LL 0209AA” is a LLDPE copolymer with butene as comonomer which contains antioxidant. It is recommended for general purpose application. It is suitable for blending with conventional LDPE. Film made from pure LL 0209AA has the following advantages over conventional LDPE:

Better sealing, higher puncture resistance.

Greater drawdown capability.

Higher tensile strength.

Neutralizer: Calcium Stearate

Antioxidant: Irganox1010, Irganox168

Applications:

Food Grade

Heavy duty sacks, agricultural films, liners.

Produce bags, stretch film

| Nº | Property | 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 | ISO527 |
| 4 | Tensile Strength at Break MD/TD | 41/32 | MPa | ISO527 |
| 5 | Elongation at Break MD/TD | 620/840 | % | ISO 527 |
| 6 | Tear Strength MD/TD | 145/370 | G25µ | ASTM D1922 |
| 7 | Dart Drop Impact | 150 | G | ASTM D1709 |