

DATE: 2024-2025

Arena Code: AS10333/AKPC-LL0220 AA

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

Technical Data Sheet

LDPE LL0220AA

Linear Low Density Polyethylene

"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 LL0220AA, can be produced at higher output compared to standard 1 MFR LLDPE butane copolymers.

Applications:

- Food Grade
- Light and medium duty film.
- stretch film

| Properties | Value | Units | Test Method |
|------------------------------------|---------|--------------------|-------------|
| Density | 920 | kg/cm ³ | ISO 1183 |
| Melt flow rate (MFR)(190°C/2.16Kg) | 2.2 | g/10 min | ISO 1133 |
| Tensile Strength MD/TD | 10/11 | MPa | ISO 527 |
| Tensile Strain at Break MD/TD | 36/28 | % | ISO 527 |
| Elongation at Break MD/TD | 600/800 | % | ISO 527 |
| Tear Strength MD/TD | 110/300 | g/25µ | ASTM D 1922 |
| Dart Drop Impact | 130 | g | ASTM D 1709 |
| Vicat softening | 93 | °C | ISO 206 |



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