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Linear Low Density Polyethylene

LL0220CA

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| Typical properties | Test method (ASTM) | Unit | Value |
|-------------------------------|--------------------|----------|---------|
| MFI@190°C,2.16 kg | D1238 | gr/10min | 2 |
| Density | D2839 | gr/ml | 0.920 |
| Film * | | | |
| Tensile Strength@Yield ,MD/TD | D638 | Mpa | 8/7.5 |
| Elongation@Break,MD/TD | D638 | % | 475/700 |
| Tensile Strength@Break,MD/TD | D688 | Mpa | 30/20 |
| Tear Strength,MD/TD | D1922 | gr/25mic | 70/480 |
| Haze | D1003 | % | 1 |
| Gloss(45°) | D2457 | Rating | 90 |

➤ Values shown are averages & are not to be considered as product specifications.

* 28 microns, Film Cast at 200m/min, 260°C

MD=Machine Direction TD=Transverse Direction

❖ Main application & Characteristics:

LL0220CA is a linear low density polyethylene copolymer containing butene-1 as a co-monomer.

LL0220CA is suitable for production of cast stretch films. It can also be used as a blending partner in LDPE or LLDPE in both cast and blown film applications. The main characteristic of this grade is high TD tear strength that appropriates it for stretch applications.

LL0220CA also can be used as compounds for low voltage power cable insulation or fibre optic jacketing.

LL0220CA should be processed in machinery designed for LLDPE.

Melt temperature range in the cast process are normally 240°C-280°C and in lean blends for blown film are 165°C-215°C.

LL0220CA should be stored in the dry condition below the 50°C and avoided from the exposure of direct sunlight.

* LL0220CA is suitable for food contact.