

TECHNICAL DATA SHEET

92001W

92001W is a 1-Hexene LLDPE copolymer blown film grade produced by the Spherilene Technology.

This grade can be used in Adhesive Lamination Film Applications.

92001W is without Slip and Antiblocking additives.

| Property | Test Method | Unit | Value |
|--|--------------|-------------------|-------------------|
| Melt Flow Index (2.16 kg, 190°C) | ASTM D 1238 | g/10 min | 1.0 |
| Density (23°C) | ASTM D 1505 | g/cm ³ | 0.920 |
| FILM PROPERTY** | | | |
| Tensile Strength at Yield | | MPa | MD 10 TD 10 |
| | ASTM D 882 | | |
| Tensile Strength at Break | (500 mm/min) | MPa | MD 31 TD 26 |
| Elongation at Break | | % | MD 950 TD 1050 |
| Elmendorf Tear Strength | ASTM D 1992 | g | MD 550 TD 800 |
| Dart Impact Strength, F50 (38 mm Dart, 66-cm. Height) | ASTM D 1709A | g | 280 |
| Gloss at 60° | ASTM D 2457 | GU | 80 |

Suggested Processing Conditions

| | | |
|--------------------|----|-----------|
| Barrel Temperature | °C | 180 – 200 |
| Melt Temperature | °C | 190 – 210 |
| Blow up Ratio | - | 2.0 – 3.0 |
| Die Gap | mm | 2.0 – 2.5 |

* Halene L is the registered trademark of Linear Low Density Polyethylene of HPL

** Typical values with film of nominal thickness 55 µm. (BUR – 2.5, Die Gap – 2.5 mm)

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Compliance certificates and MSDS are available on request.
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