

TECHNICAL DATA SHEET

71501S

71501S is a LLDPE blown film grade produced by the Spherilene Technology.

This grade can be used in General Purpose Packaging Film Applications.

71501S is additivated with slip and antiblocking additives for excellent openability and slip properties.

| 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 |
| Tensile Strength at Break | ASTM D 882 (500 mm/min) | MPa | MD 25 TD 16 |
| Elongation at Break | | % | MD 650 TD 750 |
| Elmendorf Tear Strength | ASTM D 1992 | g | MD 150 TD 400 |
| Dart Impact Strength, F ₅₀ (38 mm Dart, 66-cm. Height) | ASTM D 1709A | g/μm | 4.0 |
| Gloss at 60° | ASTM D 2457 | GU | 76 |
| 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 25 μm film made with 2.5 mm die gap & BUR 2.5

The information & data presented herein are typical values and should not be construed as specification. No warranty or guarantee expressed or implied is made regarding performance. The information & data are subject to change without prior intimation based on research & development work undertaken by the company.

Compliance certificates and MSDS are available on request.
Visit us at www.haldiapetrochemicals.com