

## TECHNICAL DATA SHEET

## 71602W

**71602W** is a LLDPE film grade produced by the Spherilene Technology.

**71602W** is without slip additives and antiblock and can be used in Packaging Film Applications.

The precise morphological control achieved during polymerization confers good processability and mechanical strengths.

Properties	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D 1238	g/10 min	2.5
Density (23°C)	ASTM D 1505	g/cm <sup>3</sup>	0.916

### FILM PROPERTY\*\*

Tensile Strength at Yield		MPa	MD	12
			TD	11
Tensile Strength at Break	ASTM D 882 (500 mm/min)	MPa	MD	23
			TD	19
Elongation at Break		%	MD	500
			TD	750
Elmendorf Tear Strength	ASTM D 1992	g	MD	60
			TD	280
Dart Impact Strength, F <sub>50</sub> (38 mm Dart, 66 cm Height)	ASTM D 1709A	g/μm		2

### Suggested Processing Conditions

Barrel Temperature	°C	170 – 200
Melt Temperature	°C	190 – 200
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 Blown film made with 2.5 mm die gap & BUR 2.5

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