

TECHNICAL DATA SHEET

71601W

71601W is a LLDPE blown film grade produced by the Spherilene Technology with controlled morphology, excellent processability and mechanical properties.

This Grade can be used in General Purpose Adhesive Lamination film.

71601W is without slip additives and antiblock.

Property	Test Method	Unit	Value
Melt Flow Index (2.16Kg, 190°C)	ASTM D 1238	g/10 min	1.0
Density (23°C)	ASTM D 1505	g/cm ³	0.916
FILM PROPERTY**			
Tensile Strength at Yield		MPa	MD 15
			TD 13
Tensile Strength at Break	ASTM D 882 (500 mm/min)	MPa	MD 30
			TD 21
Elongation at Break		%	MD 650
			TD 850
Elmendorf Tear Strength	ASTM D 1992	g	MD 120
			TD 440
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	90

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

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Compliance certificates and MSDS are available on request.
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