

TECHNICAL DATA SHEET

71601W

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

This grade can be used in General Purpose Adhesive Lamination film

71601W is without slip or antiblocking additives

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D1238	g/10 min	1.0
Density (23°C)	ASTM D1505	g/cm ³	0.918
Film Property **			
Tensile Strength at Yield MD		MPa	15
Tensile Strength at Yield TD		MPa	13
Tensile Strength at Break MD	ASTM D882 (500 mm/min)	MPa	30
Tensile Strength at Break TD		MPa	21
Elongation at Break MD		%	650
Elongation at Break TD		%	850
Elmendorf Tear Strength MD	ASTM D1992	g	120
Elmendorf Tear Strength TD		g	440
Dart Impact Strength, F ₅₀ (38 mm Dart, 66 cm Height)	ASTM D1709A	g/μm	4.0
Gloss at 60°	ASTM D2457	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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