

TECHNICAL DATA SHEET

71601W

71601W is a LLDPE blown film grade manufactured using Basell's Spherilene Gas Phase Technology with controlled morphology, excellent processability and mechanical properties.

71601W is without Slip additives and Antiblock. This Grade can be used in General Purpose Adhesive Lamination film.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 Kg at 190 ⁰ C)	ASTM D 1238	g/10 min	1.0
Density at 23°C	ASTM D 1505	g/cm ³	0.916
FILM PROPERTY**			
Tensile Strength at Yield	MD	ASTM D 882	MPa
	TD		15
Tensile Strength at Break	MD	ASTM D 882	MPa
	TD		13
Elongation at Break	MD	ASTM D 882	%
	TD		30
Elmendorf Tear Strength	MD	ASTM D 1992	g
	TD		21
Dart Impact Strength, F ₅₀ (38 mm Dart, 66 cm Height)	MD	ASTM D 1709	g/μm
	TD		650
Gloss at 60°	MD	ASTM D 2457	GU
	TD		120
			440
			4.0
			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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