



Bloomer Plastics HLP Film

Multilayer Adhesive Film

Bloomer Plastics creates all our Adhesive films with 100% virgin resins, assuring consistent quality from one order to the next.

Bloomer Plastics automotive adhesive films are activated by heat, pressure, or a combination of both. Our Heat activated films maintain their integrity at working temperatures and are easier to handle in comparison to other adhesive technologies.

Adhesive **HLP Film** can adhere to a wide variety of substrates including:

- Fiberglass
- Foams
- Nonwovens
- Scrim
- Rigid Urethane

Material Description	BPI Adhesives HLP Film
DSC Lower Melt Point	84.5 °C 184.1 °F
DSC Upper Melt Point	161.0 °C 321.8 °F
Available Gauge	2.25 – 15.0 mil
Available Width	7" - 80" (178 - 2,032mm)

Adhesive Film Properties

- Capable of handling deep draw applications
- High Temperature Inner Core Layer
- Provides reduced cycle times for automotive interior trim applications
- Heat-activated, thermally stable
- Bloomer Plastics can corona treat this film upon request

Physical Property*	Test Direction	Typical Values	Units	Test Method
Tensile Elongation	Machine Direction	600	(%)	ASTM D882-02
	Transverse Direction	600	(%)	ASTM D882-02
Tensile Strength	Machine Direction	6,300	(psi)	ASTM D882-02
	Transverse Direction	4,100	(psi)	ASTM D882-02
Tensile Modulus (1% Secant)	Machine Direction	48,500	(psi)	ASTM D882-02
	Transverse Direction	45,000	(psi)	ASTM D882-02
Elmendorf Tear Strength	Machine Direction	225	(g/mil)	ASTM D1922-00a
	Transverse Direction	750	(g/mil)	ASTM D1922-00a

*Physical Properties measured using a 2.0 mil film.

This is a table of typical values expected for the aforementioned product only. These typical values are not to be considered a specification for these properties. Typical values cannot be considered specific rejection criteria. If definitive tear and tensile properties are a requisite for the film, a true specification can be developed and provided after sufficient production experience.

Bloomer Plastics will work with you to customize film properties to meet your application. Your custom designed, heat activated film will be created to satisfy *your* process's requirements.

Call us to discuss your specific needs. 1-800-638-0479

