



Bloomer Plastics K Film

Multipurpose Monolayer Adhesive Film

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

Bloomer Plastics 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 **K Film** can adhere to a wide variety of substrates including:

- Polyethylene
- Nylon
- Glass
- Acrylic Adhesives
- Wood
- Fabrics
- Cotton
- Aluminum
- Galvanized Steel
- Fiberglass
- Foams
- Nonwovens
- Paper
- Scrims

Material Description	BPI Adhesives K Film
DSC Lower Melt Point	72.0 °C 161.6 °F
DSC Upper Melt Point	110.0 °C 230.0 °F
Available Gauge	2.0 – 30.0 mil
Available Width	4" - 84" (100 - 2,133mm)

Adhesive Film Properties

- Capable of handling deep draw applications
- Capable of RF Welding
- Maintain adhesive properties under varied environmental conditions
- This film can be used as a tie layer, providing a bond between substrates.
- Bloomer Plastics can corona treat this film upon request.

Physical Property*	Test Direction	Typical Values	Units	Test Method
Tensile Elongation	Machine Direction	575	(%)	ASTM D882-02
	Transverse Direction	675	(%)	ASTM D882-02
Tensile Strength	Machine Direction	3,400	(psi)	ASTM D882-02
	Transverse Direction	2,750	(psi)	ASTM D882-02
Tensile Modulus (1% Secant)	Machine Direction	9,800	(psi)	ASTM D882-02
	Transverse Direction	9,800	(psi)	ASTM D882-02
Elmendorf Tear Strength	Machine Direction	120	(g/mil)	ASTM D1922-00a
	Transverse Direction	160	(g/mil)	ASTM D1922-00a

*Physical Properties measured using a 3.5 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

