

## **Characteristics of ALFA H 1810/0**

### **Adhesive:**

**ALFA H 1810/0** is a pressure sensitive hot-met adhesive with good tack and cohesion, used for various applications such as product assembly and also for diaper construction especially for the Lycra filament fixation with enhanced creep resistance.

### **Application:**

**ALFA H 1810/0** is for use in wheeler, roller, nozzle or other applicator system.  
Recommended working temperature: 120 – 170°C

### **Properties:**

**ALFA H 1810/0** shows a high cold tack. And good thermal stability.

**ALFA H 1810/0** has a good adhesion to PE, elastic filaments (NR, Lycra), fluff and different qualities of non woven substrates.

### **Specifications:**

Content:	Synthetic Resins
Viscosity: Brookfield Thermosel 177 °C	1800 +/- 300 mPa s
Softening Point: (Ring and Ball)	99 °C +/- 5 °
Density:	approx. 0.96 g/cm <sup>3</sup>
Application Temperature:	120 °C – 170 °C
Color:	transparent/yellowish
Storage:	cool and dry in original packaging up to at least 2 years
Packaging:	Big Pillows, boxes à 18 kg
Cleaning:	while hot by scrapping with a spatula or rinsing oil
Dangerous contents:	none
„Peel Adhesion“ 20 min (steel):	35.3 N/25 mm
24 h (steel):	34.3 N/25 mm
Heat resistance – (SAFT):	75 °C

All components of the **ALFA H 1810/0** comply with paragraph 21 CFR 175.105 of FDA Legislation.

### **Instructions:**

The usual precautionary measures have to be taken when handling chemical products.  
This includes ample ventilation of the work area, particularly when larger quantities are processed.

### **Important notice:**

The particulars on this data sheet are based on our present knowledge and experience. The user is obligated to test this product with original materials under actual application conditions before final use. We do not take responsibility for damages during application for which the products is not intended. Our data sheet cannot be considered legally binding in the case of certain material or suitability for all applications. Rules and regulations in each country have to be taken into consideration and we cannot be held responsible for local regulations unknown to us.

In case of any problems, please consult us.