

Characteristics of ALFA H 12000/1

Adhesive:

ALFA H 12000/1 is a granular hot-melt on an EVA basis for the bonding of non-wovens and textiles.

ALFA H 12000/1 is a sticky, elastic sealing compound with good bonding properties on paper, textiles, wood and synthetic surfaces.

Application:

By means of nozzles with hot-melt application machines which are equipped with worm or geared pumps.

Properties:

ALFA H 12000/1 shows good adhesion on paper, textiles, wood and synthetic surfaces.

Specifications:

Application temperature:	approx. 150...190°C
Melting point: (ring + ball) DIN 52011	approx. 80°C
Viscosity	at 175°C approx. 12000 mPas/s
Brookfield Thermosel	at 190°C approx. 8000 mPas/s
Open time:	1 - 2 sec.
Curing time:	1 – 2 sec., depending on application amount
Shore hardness:	A-75
Colour:	colourless, transparent
Packaging:	pellets (in bags of 25 kgs)
Storage:	cool and dry in original container up to at least 1 year
Cleaning:	rinsing oil at 140°C
Dangerous contents:	none, no material of risk

Food legislation:

The raw materials of **ALFA H 12000/1** conform in its composition to the requirements of several laws in the food industry:

- C.E. Directive 2002/72 "for monomers and additives"
- Bfr XXXV, „Mischpolymerisate“
- FDA (Food and Drug Administration) 21 CFR
 - § 175/105 „Adhesives“
 - § 177-1350 „Ethylene vinylacetate copolymers“

Important notice:

The usual precautionary measures have to be taken, as always when handling chemical products. This includes ample ventilation of the work area, particularly when larger quantities are processed. For technical data see corresponding safety data sheet.

The particulars of this data sheet are based on our present knowledge and experience. Each user of course has to make his own tests and experiments when using and applying our products. Our data sheet cannot be considered as legally binding as far as certain properties or suitability for certain applications are concerned. Rules and regulations in each country have to be taken care of by our respective users, we cannot be held responsible for local requirements unknown to us.

In case of doubt, please consult us.