

Characteristics of ALFANTRA® 980/12

Adhesive:

ALFANTRA® 980/12 is a Multi-purpose packaging adhesive that is used in a wide range of packaging applications. The adhesive was especially developed to bond carton boxes coated with polypropylene.

Application:

By means of nozzle, roller or other applicator systems.
The hot melt should not be heated at temperatures above 190°C

Properties:

ALFANTRA® 980/12 excellent thermic stability, maintains a constant viscosity and therefore has not changes in the adhesion and in the processing quality, even by longer machine stops.

ALFANTRA® 980/12 does not string and tail – reduces downtime.

ALFANTRA® 980/12 is odour and smoke free. Depending on the substrates, bondings with heat resistance up to +55°C and cold resistance down to - 30°C are possible.

Specifications:

Viscosity:	at 160° C:	1500 +/- 200 mPas/s
Brookfield Thermose11		
Melting point:	(ring + ball) DIN 52011	99°C +/- 5°C
Density:		approx. 0.90 g/cm ³
Application temperature:		approx. 150...180°C
Open time:		12 ... 13 sec.
Colour:		white
SAFT value: „Shear Adhesion Failure Temperature”		55°C
Cold resistance:		- 30°C
Packaging:		granular, in bags to 25 kg
Storage:		cool and dry in original container up to at least 2 year
Cleaning:		while hot with ALFANTRA® cleaner
Dangerous contents:		none, no material of risk

All components of the **ALFANTRA® 980/12** comply with paragraph 21 CFR 175.105 of FDA Legislation and EC directive 2002/72.

The equipment needs to be freed from EVA hot melt and cleaned since ALFANTRA® 980/12 is not compatible with EVA based hot melts.

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. The particulars of this data sheet are based on our present knowledge and experience. The user is obligated to test these products with original materials under actual application conditions before final use of the product. We do not take responsibility for damages during application for which the product is not intended. Our data sheet cannot be considered 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.

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