Technical data sheet
BÜHNEN B2055.1

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HOTMELT
Part numbers: B42055.1 – granular

BÜHNEN APPLICATORS
Pneumatic glue applicators
HB Bulk Systems

APPLICATIONS
Filter industry as well as bondings parts for accumulator housing.

PROPERTIES
White-transparent hotmelt adhesive with medium open and setting time along with very good adhesion properties to paper, textiles and various foam materials.

DESCRIPTION

Type:	Hotmelt adhesive based on polyolefine
Colour:	white
Composition:	The components of this hotmelt adhesive are classified as completely harmless. There is thus no need for special labelling of this product in compliance with German regulations for dangerous materials.

TECHNICAL DATA

Softening Point:	approx. 128°C Ring and Ball
Viscosity:	approx. 2600 mPas at 190°C (Brookfield)
Specific gravity:	approx. 0,87 g/cm³
Working temperature:	160-180°C
Open time:	medium depending on material and quantity of adhesive applied (bead application,dia. approx.3mm,180°C, beech material (4mm thickness).
Setting time:	medium depending on insulation effect of materials to be bonded and on application method and kind of material (see above open time).

SIZE
Granular (B42055.1)

PACKAGING
Granular – 20kg per bag

When applying the hotmelt adhesive via spray-melt-systems, the value of the open time is reduced.

STORAGE
Minimum two year shelf life under normal indoor conditions and when stored in the original packaging. Exposure to heat (direct sunlight) should be avoided at all costs to prevent possible damage, distortion or degradation of the adhesive.

APPLICATION
The surfaces to be bonded must be free of dust, dirt, moisture, grease, release agents. Attention: Plastic- and paint-materials containing plasticizers may destroy bond strength.
Apply adhesive as a spot, continuous strip or bead and join the parts together immediately. Short-time pressure will increase the bond strength.

Slight variation in the colour of the adhesive is normal and should not be seen as a quality problem.

SPECIAL NOTES
The safety and operating instructions for the applicator must be observed! Attention: Hot! The molten adhesive and the nozzle of the gun can reach temperatures which may cause skin burns if accidentally touched. In such cases submerge the affected area in cold water immediately. Do not try to remove the adhesive and seek proper medical attention.

Even when using the hot melt within the correct temperature range a slight fume is produced. If the working temperature is exceeded these fumes may result in the irritation of mucous-membranes in sensitive people. Preventive ventilation should exist.

DISCLAIMER
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The information contained in this processing data sheet therefore also does not justify any assumption of liability with respect to the product being suitable for the relevant application. It is therefore essential that the user tests the adhesive we provide with the original parts intended for application, taking into consideration the relevant production and use conditions. This also applies in the event of changes made as part of an ongoing processing or production procedure. Our General Terms and Conditions of Business also apply.