BÜHNEN

Technical data sheet
D51341 – blocks D51341-04 blocks

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HOT MELT
Part numbers: D51341 – blocks
D51341-04 blocks

APPLICATORS : HB Bulk Systems

APPLICATIONS
Pressure sensitive adhesive for fixing and installation work, e.g. fixing insulating material on carrying texture, insulating material, upholstered furniture and automotive industry.

PROPERTIES
Hot melt 1341 is remarkable by a high self stickiness and elasticity as well as a high heat resistance. The adhesive has an excellent bonding to many substrates such as wood, paper, cardboards, fabrics, leather, metals, ceramics, glass and to many plastics as Melamin, ABS, PS, PMMA, PE, PP, PVC, PC, PMMA, PETP, PA , POM, PUR-foam.

DESCRIPTION

Type	: Pressure sensitive adhesive based on thermoplastic rubber
Colour	: yellow
Composition	: The components of this hot melt 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. 135 °C Ring and ball
Heat resistance	: approx. 75 °C (WPS 68, shearload 100 g/cm2)
Viscosity	: approx. 10000 mPas at 190 °C (Brookfield)
Specific gravity	: approx. 0,97 g/cm³
Solids content	: 100%
Working temperature	: 160-190 °C
Open time	: permanent tacky
Size	: blocks

PACKAGING
1 kg blocks - 10-kg-pack, 4 kg block in pack

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

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.

This thermoplastic adhesive is stabilized against thermal and oxidizing decomposition. In case of unusual thermal stress, e. g. temperature exceeding.180 ° C or long periods in molten state, the use of an inert-gas (nitrogen or carbon dioxide) is recommended.

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. A preventive ventilation should exist.

REMARKS
The details in our instruction sheets and other publications are provided to the best of our knowledge. Their contents are not, however, legally binding. In all cases, we recommend that preliminary tests are carried out by the customer. In all other respects, our General Terms of Sale apply.

Professional advice and rapid response from our central office in Bremen ensure you of reliable service.