

TECHNICAL DATA SHEET

POLYBOND CB 01 is an one –component adhesive, based on synthetic acrylic resin dispersion and, particularly designed for the laminating of aluminium foil to paper

TECHNICAL CHARACTERISTICS

Solids	46.00 – 48.00 %
Viscosity (Brookf. RVT, sp. 3 / 50 rpm, 25 °C) (Ford Cup 4 mm)	600 - 900 mPa.s. 30 – 35 sec
pH	7.50 – 9.00
Density	1,12 g/cm ³
Colour	White Milky

APPLICATION

Application Field: Paper to aluminium foil laminations especially for the cold resistance and suitable for deep freeze applications , ice-cream cone sleeves.

Application System: By means of roller coater ,and doctor blade

REMARKS

Polybond CB 01 approx. 46 % is a plasticiser-free aqueous dispersion based on acrylic esters and it is suitable adhesive for the continuous wet and dry film lamination. Polybond CB 01 dispersion has a high agitation and shear stability and can be applied by means of laminating machines e.g. cylinder, roller coater, doctor blade or other coating equipment. Because of the chemical structure and high solid content, the adhesive dries very fast at temperature of approx. 40 - 75 °C on common laminating machines. Polybond CB 01 is ready to use, but may be diluted with cold water for the adjustment of the machine speed and viscosity (max. 2- 4 % ; if needed and depends on application system) Fine particles gives good spreading and wetting on the aluminium foils or plastic films.

Properties of the adhesive once cured

Once cured and completely dried, the adhesive film is transparent, odourless, elastic and resistant to ageing



Application temperature

The application temperature on the roller and reservoir is the ambient temperature .

Amount of adhesive

Taking into account the aim of the work and laminating materials involved in such an operation, the most advisable amount is comprised 8 - 20 g/m² dry.

PACKAGING

30 Kg; 60 Kg; 120 Kg PE Drums

CLEANING

Any wet adhesive surplus can easily be removed by hot or cold water. For cleaning of machines and dried films, mechanical scraper / hot water or solvents should be used.

MARKING

Not subject to marking according to the regulations on dangerous materials

USEFULL LIFE AND STORAGE

Since the useful life varies a lot due to reasons beyond the manufacture and the packaging of the product (storage conditions, carriage, etc), we guarantee the perfect condition of the product up to six months from its manufacture. Should the product be used after that date, some preliminary tests must be carried out. The product has to be kept tightly closed in its original container and stored at a temperature between 10 and 35°C. Protect from frost and close container carefully after use .

Owing to the variety of working conditions, to the materials to be used and to the different nature of the products to be packed, our above indications should be considered for a guidance only. Each user should apply the product taking into account its means and experience.

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