

Technical Data Sheet

SBA 1280/ SBH 75

DESCRIPTION

SBA 1280/SBH 75 is a solvent based polyester resin adhesive . This adhesive system is a general to medium performance system with high solid content, good heat and chemical resistance and is used as a laminating adhesive.

SPECIFICATIONS

Characteristics	SBA 1280	SBH 75
	OH component	NCO component
Appearance	Colourless to pale yellow	Colourless to pale yellow
Solid content	80% +/- 2%	75% +/- 2%
Viscosity	12000 cps +/- 2000 cps at 25C	2000 cps +/- 500 cps at 25C
Density	1.18 gm/cc	1.16 gm/cc
Solvent	Ethyl acetate	Ethyl acetate
Mix ratio	100	15

MIXING PROCEDURE

SBA 1280/SBH 75 system is best used at a range of 30 to 45% solids. Use of polyurethane grade ethyl acetate is recommended for dilution. It should have a moisture content less than 0.03%. Resin component SB – 1080 is first diluted with the solvent as per the dilution table and mixed well. Then H -075 is added and further mixed thoroughly to a uniform mixture.

RECOMMENDED OPERATING CONDITION

- + SBA 1280/SBH 75 should be mixed as per the dilution table to get required solid content.
- + The mixed adhesive will have a pot life of about 8 hours approximately. But it is recommended to use material well before this time to have better results.
- + The nip temperature should be in the range of 50 to 80 Deg C
- + The green bond of the system is good. The bond strength after 12 hours should be good enough for operations like slitting and rewinding.
- + Normal cure time is 5 to 10 days at room temperature. Full properties like bond strength, heat resistance and chemical resistance will develop by this time.

DISCLAIMER

The information provided in this data sheet is based on our knowledge and experience. There are many variables at laminators end which will influence the performance like the machine running parameters, Operational conditions, various structures used and ambient conditions which are beyond our control. We advise our Customers to make their own determination of suitability of this product for their application by making trials at their end. As such this information is offered in good faith but we can not accept any liability.