

SYNTHEBOND RW-42SP is an extra white, durable, APE-free, vinyl acetate copolymer binder for nonwoven and fibrefill.

For further information regarding this product please refer to:

Consumer Materials Synthomer

eMail: consumer.materials@synthomer.com

Property	Typical Value	Unit	Method ¹
Solids content	45.0	%	
pH value	4.0		
Viscosity [Brookfield]	<50	cps	
Glass transition temperature	30	°C	
Density	1.09	g/cm ³	
Ionic character	anionic		
Particle size	0.21	microns	

¹ internal method based upon the specified norm

Application Advice

APPLICATIONS

- Use as a nonwoven binder
- Use as a hand builder and edge gum in textiles

KEY ADVANTAGES

- Maintains product whiteness
- Washing/dry cleaning durability
- Fast cure rate (95% cured in 30 seconds at 250oF)
- Excellent mechanical/shear stability
- Non-yellowing at elevated temperatures
- Outstanding spray stability
- Low grit content
- Fiberfill/nonwovens can be quilted by ultrasonic stitching
- APE-free formulation

FIBERFILL

SYNTHEBOND RW-42SP emulsion is especially formulated and may be used effectively as the bonding agent on polyester batting which has been produced by carding or garnetting, in single, tandem or cross-lapped arrangements. Although less common, use of batting from air randomizing fiber openers is also satisfactory.

SYNTHEBOND RW-42SP diluted emulsion is sprayed onto fiberfill so as to deposit the following:

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|---|--------|
| • Quilting and insulation | 15-20% |
| • Foundation garments and furniture padding | 15-40% |

NONWOVENS

SYNTHEBOND RW-42SP binder can be used in lightweight nonwoven fabrics requiring a stiff board hand. Such fabrics are useful in certain apparel interlining applications (i.e. - men's suiting panels and collar stiffeners). It can be compounded with water reducible glyoxal and melamine resins for added stiffness.

Shipping and Storage

- Packaging: Tank trucks, totes or Drums
- Handling: Protect emulsion from freezing. Stir and mix well before using. Clean equipment that has been used for diluting, storing, filtering, pumping or spraying this product. Special care must be taken to properly clean nozzles and filter screens. Equipment should be cleaned and sterilized at least every six months.
- Storage: Recommend storage temperature is 70°F (22°C). When stored when recommended, the shelf life is 12 months.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.