

REVACRYL Design 1690 is a finely dispersed, aqueous dispersion of an acrylic ester-styrene copolymer. The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents and plasticizers.

For further information regarding this product please refer to:

Martin Driever

Phone: +49 173 3179751

eMail: [Martin.Driever@synthomer.com](mailto:Martin.Driever@synthomer.com)

Property	Typical Value	Unit	Method <sup>1</sup>
Solid content	50.0	%	DIN EN ISO 3251
pH value	6.0		DIN ISO 976
Viscosity (Brookfield LVT #2/6)	< 2200	mPas	DIN ISO1652
Glass Transition Temperature	38	°C	DIN EN ISO 11357-2

<sup>1</sup> internal method based upon the specified norm

## Application Advice

REVACRYL Design 1690 can be used for impregnation or coating applications of woven or non-woven textiles where a medium stiff hand is desired. It can also be used for binding fibers or powdery materials of all types. REVACRYL Design 1690 is a non-formaldehyde releasing self-crosslinking polymer and thus does not require the addition of external crosslinking agents to achieve its superior performance. Due to the nature of the crosslinker a good bonding to mineral substrates like glass is observed.

## Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

## Product Safety

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