

REVACRYL Design 1555 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:

Consumer Materials Synthomer

eMail: consumer.materials@synthomer.com

Property	Typical Value	Unit	Method ¹
Solids Content	50.0	%	ISO 3251
pH Value	7.5		ISO 976
Viscosity [Brookfield LVT #1/6 rpm @23°C]	<1000	mPas	ISO 1652
Glass Transition Temperature [DSC]	11	°C	ISO 11357-2

¹ internal method based upon the specified norm

Application Advice

REVACRYL Design 1555 is an ammonia free binder mainly used for paper or nonwoven impregnation and coating applications. REVACRYL Design 1555 is a non-formaldehyde releasing self-crosslinking polymer, and thus does not require the addition of external crosslinking agents to achieve its superior performance. When applied either by impregnation or coating of cellulose fibres or other substrates, it forms a soft non tacky polymer film when dried. REVACRYL Design 1555 polymer film enhance properties such as handle, wash resistance, abrasion resistance and give durability to the end product.

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 12 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.