

PLEXTOL™ R 272 is a fine particle size, surfactant stabilised, self-crosslinking acrylic copolymer dispersion.

For further information regarding this product please refer to:

Consumer Materials

eMail: [consumer.materials@synthomer.com](mailto:consumer.materials@synthomer.com)

Property	Typical Value	Unit	Method <sup>1</sup>
Solids Content	45.0	%	DIN EN ISO 3251
pH Value	4.0		DIN ISO 976
Viscosity	<100	mPas	DIN EN ISO 2555
Glass Transition Temperature (DSC)	- 30	°C	DIN EN ISO 11357-2

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

## Application Advice

The dry film of PLEXTOL™ R 272 is soft and extremely flexible. PLEXTOL™ R 272 finds use in textile applications where a very soft handle and good wash and solvent resistance are required, e.g. in the production of upholstery fabrics, nonwovens, curtain fabrics, textile printing and others. It can also be blended with other Revacryl 272 series dispersions, to modify the film properties. For best fastness results, a cure equivalent to 5 min at 150°C is recommended. Higher temperatures may be used for correspondingly shorter times.

## 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.