

LITEX P 5100 is an aqueous, anionic carboxylated styrene/butadiene copolymer dispersion, which is used as a binder for coating colours in the paper industry.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method <sup>1</sup>
Solids Content	50	%	ISO 3251
pH Value	6,7	-	ISO 976
Viscosity	< 350	mPas	ISO 1652
Glass Transition Temperature	-2	°C	intern

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

## Application Advice

LITEX P 5100 should be added to the previously dispersed pigment combination under gentle agitation followed by viscosity and pH adjustment as deemed necessary.

LITEX P 5100 is a binder, which can be used in combination with all commercially available coating pigments for the finishing of coated paper. It has a high latex stability and is suitable for all modern application techniques. LITEX P 5100 is a soft polymer with high binding power. It is especially suitable as a binder for Paper, Specialty Paper & Packaging application requiring maximum mechanical strength, including specialities such as carbonless copy or thermal paper production.

## Shipping and Storage

LITEX P 5100 is normally delivered in bulk road or rail tankers. Polymer dispersions must be stored in suitable tank farms at temperatures not lower than + 5 °C and not higher than + 40 °C. Storage at temperatures above + 30 °C for longer periods should be avoided.

Synthomer products contain a biocide system that is designed to protect the product against bacteria growth during shipment. Nevertheless, latex is an ideal ambient medium for bacteria growth, therefore special attention to plant hygiene is required.

Good practice in house keeping and regular cleaning of storage tanks and pipeline systems associated to the handling of latex is essential to avoid bacterial contamination.

## Product Safety

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