Technical Leaflet

Zinpol 295

Art.-No. 212054-01139 Revision: 12.07.13

Acrylic emulsion.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251, part 1	49% ± 1
pH - value, DIN ISO 976	8 - 9
Density, 20 °C, DIN EN ISO 2811-1	1.046 g/cm³
Viscosity, Brookfield, 20 °C, spindle 4/30 rpm, DIN EN ISO 2555	1,250 - 2,750 mPa·s
Tg (calculated)	- 5 °C
MFFT Minimum film forming temperature, ISO 2115	5 °C
Freeze-/thaw stability	protect from freezing
Delivery form	49% in water

Outstanding Characteristics:

Excellent adhesion to films and other non-porous substrates.

Excellent water and ice water crinkle resistance.

Excellent gloss on all substrates as applied in finished systems.

Compatibility with most resins and polymers used in inks and coatings.

Properties and Application:

Zinpol 295 is an ideal binding agent for use on **non-porous substrates,** providing scotch tape pull resistance and rub-/scratch resistance in inks and coatings.

This polymer also provides adhesion to metallized stocks, wettability of difficult-to-wet substrates and moderate heat resistance. Zinpol 295 exhibits **good gravure and flexographic printability.**

Worlée-Chemie GmbH • Grusonstrasse 22 • D-22113 Hamburg • Tel.: +49 4153 596-0 • Fax: +49 4153 536 49 • E-Mail: service@worlee.de • www.worlee.de

The product improves the adhesion and water resistance of many inks and overprint systems without sacrifice of gloss or other properties. For further improvement of resistance properties we recommend crosslinking with our W´Add 8905.

The storage stability in the originally closed barrel is at storage temperatures from + 5 to + 25 °C six months, counted from the day of the delivery ex works.

Worlée-Chemie GmbH • Grusonstrasse 22 • D-22113 Hamburg • Tel.: +49 4153 596-0 • Fax: +49 4153 536 49 • E-Mail: service@worlee.de • www.worlee.de