



KAMSONS CHEMICALS PVT. LTD.

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Technical Data Sheet

KAMICRYL-2090

**A STYRENE ACRYLIC COPOLYMER EMULSION FOR USE IN WATER
BASED OVERPRINT VARNISHES AND INKS**

Excellent optical clarity High gloss, Good heat resistance fast drying.

General Information

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	Semi translucent emulsion
Non-volatile	44%
Mol. Weight (wt.av.)	>200,000
Viscosity at 25°C (Brookfield)	260 mPa.s
pH	8.3
Acid number (on solids)	76
Density at 25°C	1.05 g/cm³
MFT	>86°C
Tg	110°C
Freeze/thaw stable	yes

APPLICATIONS

KAMICRYL-2090 is a non film forming emulsion developed for use in water based overprint varnishes and flexographic and gravure inks, providing high heat seal and film release properties. The heat resistant properties may be further enhanced by the addition of Zinc Ammonium Carbonate solution. In overprint varnishes KAMICRYL-2090 additionally provides gloss and optical clarity.