



KAMSONS CHEMICALS PVT. LTD.

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KAMICRYL-2089

**STYRENE ACRYLIC COPOLYMER EMULSION FOR INKS AND
OVERPRINTS ON PAPER AND PAPERBOARD.**

**High Gloss and Clarity
Shear stability
Fast Dry
Excellent Resolubility
Cost Effective
Superior Print Characteristics**

General Information

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	Translucent Emulsion
pH	8.3
Non- Volatile %	48
Viscosity, cps (Brookfield LVF #2 spindle, 30 rpm, 25°C)	500
Glass Transition Temperature, °C(Tg)	98
Acid Number	50
Molecular Weight, Mw	>200,000
Freeze/Thaw stable	Yes
Typical VOC, by weight, %	0.7

KAMICRYL-2089 is a non film forming Rheology Controlled (RC) letdown emulsion that provides excellent gloss and hold out in formulations for paper and paperboard. KAMICRYL-2089 can be used to formulate high performance inks and overprints. By varying the concentration of KAMICRYL-2089, the formulator is able to adapt the drying speed of the formula to meet press requirements while producing sharp line work and precise process dots.

STARTING POINT FORMULATIONS:

OVERPRINT VARNISHES:

KAMICRYL-2089 is an essential component of overprint varnishes designed for paper and paperboard applications.

FINISHED INKS:

KAMICRYL-2089 is a cost effective letdown emulsion used in printing inks to enhance the gloss, resolubility, clarity, and drying speed of the ink.