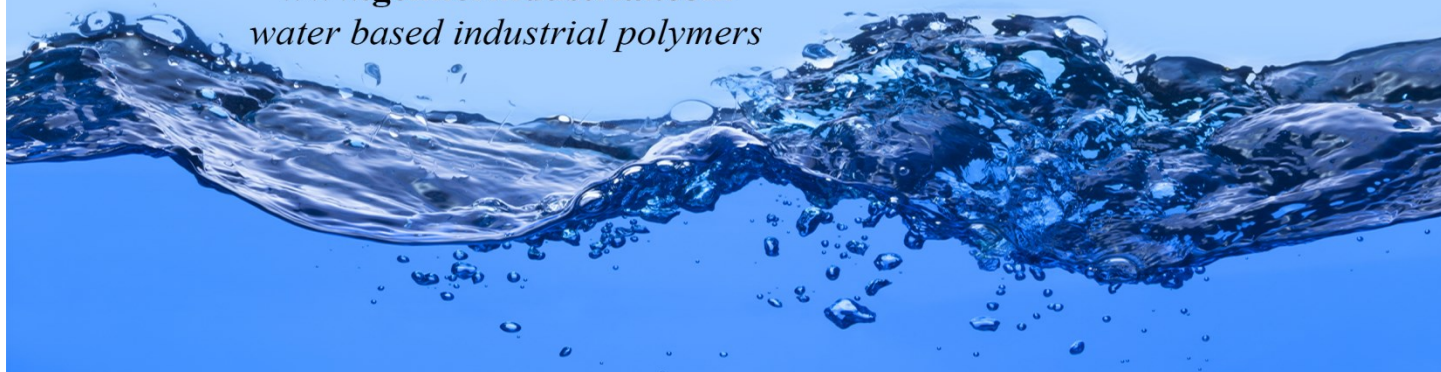




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water based industrial polymers



Ottopol K-66 Technical Data sheet

Product Specifications

Description -----	Cationic Acrylic Emulsion	Appearance-----	Translucent Emulsion
Solids-----	39.0 - 41.0%	Specific Gravity -----	1.0712
pH-----	5.0 - 6.0	Weight/Gallon -----	8.93
Viscosity -----	200 - 500 cps	Freeze Thaw Stability -----	Keep from Freezing
Flash Point-----	Same as Water	FDA Status -----	None
Glass Transition Temperature -----	86 Degrees C	USDA Status-----	Yes

INSOLUBLE IN ALKALI

Ottopol K-66 is a hard cationic acrylic emulsion. Non-ionic pigment concentrates can be let down with K-66 to produce printing inks and coatings. A clear coating or overlay varnish may be formulated as well. The addition of a coalescent solvent such as Texanol will aid in film formation.

ALKALI RESISTANCE

The dry resin is impermeable to alkali without the use of crosslinking agents. Inks and overlay varnishes for soap boxes and household paper towels will not be effected by the high pH of the detergent cleaner used with the paper towels.

ADHESION TO SUBSTRATES

The positive charge allows inks and coatings to have exceptionally good adhesion to plastic films: Mylar, PVC, and polystyrene. Adhesion to foil and other metallic surfaces is excellent.

IMPROVED FLOW, LEVELING & OPEN TIME

When Ottopol K-66 is formulated with K-633 it has improved flow, leveling and open time over Ottopol K-362.

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