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water based industrial polymers

Ottopol K-633 Technical Data sheet

Product Specifications

Description-----	Cationic Acrylic Solution	Appearance-----	Clear Solution
Solids-----	27.0 - 29.0%	Specific Gravity-----	1.04
pH-----	5.0 - 6.0	Weight/Gallon-----	8.65
Viscosity-----	200 - 400 cps	Freeze Thaw Stability-----	5 Cycles
Flash Point-----	Same as Water	FDA Status-----	None
Glass Transition Temperature-----	45 Degrees C	USDA Status-----	Yes

INSOLUBLE IN ALKALI

Ottopol K-633 is a low molecular weight cationic acrylic resin solution. It is suitable for use as a grinding vehicle for organic and inorganic pigments. Pigment concentrates can be let down with these resins to produce printing inks and coatings. A clear coating or overlay varnish may be formulated as well.

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

Ottopol K-633 has improved flow, leveling and open time over Ottopol K-362.

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