



Technical Data Sheet

VINREZ 663 V15

DESCRIPTION:

VINREZ 663 V15 is a surfactant and HEC stabilized vinyl acrylic copolymer emulsion

PHYSICAL CHARACTERISTICS:

Total solids %:	54.0-56.0
Viscosity CPS @ 24°C:	1500 - 2500
Relative Density:	1.08-1.10
pH Value:	4.2 - 5.2
Particle Size:	0.35µ
Particle Charge:	anionic
Colour:	milky white
Residual Monomer:	0.1% maximum
Odour:	mild
Mechanical Stability:	excellent
Solvent Stability:	good
Borax Stability:	excellent
Shelf Life:	12 months
Heat:	excellent
Freeze/Thaw:	pass

TYPICAL FILM PROPERTIES:

Flexibility:	tough and flexible
Water Resistance:	excellent
Appearance:	clear, glossy
Tg:	18° C

APPLICATIONS AND FEATURES:

Vinrez 663 V15 is used for the manufacturing of architectural coatings such as interior flats, primer sealers, low sheen and semi-gloss paints. It has a high pigment binding capacity, and excellent mechanical, freeze-thaw and storage stability.
