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VINREZ 1253 *Technical Data Sheet*

Vinrez 1253 is a surfactant and HEC-stabilized polyvinyl acetate homopolymer emulsion.

PHYSICAL CHARACTERISTICS

Total solids %:	54.0 – 56.0
Viscosity @ 24°C, cps:	2500 – 3500 RVF, Spindle #3, 20 rpm
Relative Density:	1.10
pH value:	4.0 – 5.0
Particle Charge:	Anionic
Particle Size, µ:	Medium, average 0.8
Residual Monomer, max:	0.1%
Colour:	White
Odour:	Slight, characteristic
Mechanical Stability:	Excellent
Solvent Stability:	Compatible with standard plasticizers
Borax stability:	Good
Shelf Life:	Excellent
Heat Resistance:	Excellent
Freeze/Thaw Stability:	No

TYPICAL FILM PROPERTIES

Flexibility:	Hard and brittle
Water Resistance:	Excellent
Appearance:	Clear
Tg:	31°C

APPLICATIONS AND FEATURES

Vinrez 1253 is a base emulsion for compounding fast setting, heat resistant specialty adhesives with excellent water resistance. It can be blended with standard homopolymer emulsions to improve setting speed, water resistance, and machinability.

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