



Technical Data Sheet

HP 42-223

DESCRIPTION:

HP 42-223 is a Styrene Acrylic Copolymer Emulsion

PHYSICAL CHARACTERISTICS:

Total solids:	49.0 - 51.0
Viscosity cps @ 24°C:	Less than 1500
Relative density:	1.05
pH value:	8.0 – 9.0
Residual monomer:	0.1% maximum
Particle size:	small
Particle charge:	anionic
Mechanical:	excellent
Solvent:	compatible with standard plasticizers and solvents
Borax:	good
Shelf life:	good
Heat:	excellent
Freeze/thaw:	pass

TYPICAL FILM PROPERTIES:

Flexibility:	good
Water resistance:	excellent
Appearance:	clear
Tg:	35°C

APPLICATIONS AND FEATURES:

HP 42-223 is suggested for use where a hard, high Tg polymer which contains no alkyl phenol ethoxylates is required.
