Technical Data Sheet

HP 42-2787

DESCRIPTION:

HP 42-2787 is a Styrene Acrylic Copolymer Emulsion

PHYSICAL CHARACTERISTICS:

Total solids:	49.0 - 51.0
Viscosity cps @ 24°c:	Less than 500 R.V.F. #2 @ 20 RPM
Relative density:	1.04-1.06
pH value:	8.5 – 9.5
Residual monomer:	Less than 0.1%
Particle charge:	anionic
Mechanical:	excellent
Solvent:	compatible with standard plasticizers
Borax:	good
Shelf life:	good
Heat:	excellent
Freeze/thaw:	pass

TYPICAL FILM PROPERTIES:

Flexibility:	good
Water resistance:	good
Appearance:	clear
Tg:	26°C

APPLICATIONS AND FEATURES

HP 42-2787 is suggested as a base emulsion in the manufacture of paint for traffic markings.
