HALLTECH Inc.
465 Coronation Drive
Toronto, ON M1E 2K2
Phone: 416-284 6111
Fax: 416-284 6932

POLYCOL, div. of Halltech Inc.
1975 Hymus Blvd, Suite 281
Dorval, QC, H9P 1J8
Phone: 514-331 2710
www. halltech-inc.com

# HP 42-1942 *Technical Data Sheet*

**HP 42-1942** is a Styrene Acrylic Copolymer Emulsion

## PHYSICAL CHARACTERISTICS:

| | |
|---|---|
| Total solids: | 49.0 - 51.0 |
| Viscosity cps @ 24°c: | Less than 500<br>R.V.F. #2 @ 20 RPM |
| Relative density: | 1.04-1.06 |
| pH value: | 8.0 – 8.5 |
| 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: | do not freeze |

## TYPICAL FILM PROPERTIES:

| | |
|---|---|
| Flexibility: | good |
| Water resistance: | good |
| Appearance: | clear |
| Tg: | 22°C |

## APPLICATIONS AND FEATURES:

**HP 42-1942** is a styrene-acrylic copolymer emulsion used in the manufacture of both interior and exterior paints.