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# STYREZ 2888 *Technical Data Sheet*

**Styrez 2888** is a styrene acrylic copolymer emulsion.

## PHYSICAL CHARACTERISTICS

| | |
|---|---|
| Total solids %: | 49.0 – 51.0 |
| Viscosity @ 24°C, cps: | <1000<br>Spindle #3, 10 rpm |
| Relative Density: | 1.04 – 1.06 |
| pH value: | 8.0 – 9.5 |
| Particle Charge: | Anionic |
| Particle Size, µ: | Small |
| Residual Monomer, max: | 0.1% |
| Mechanical Stability: | Excellent |
| Solvent Stability: | Compatible with standard plasticizers and solvents |
| Borax stability: | Good |
| Shelf Life: | Good |
| Heat resistance: | Excellent |
| Freeze/Thaw Stability: | Excellent |

## TYPICAL FILM PROPERTIES

| | |
|---|---|
| Flexibility: | Good |
| Water Resistance: | Excellent |
| Appearance: | Clear |
| Tg: | 11°C |

## APPLICATIONS AND FEATURES

**Styrez 2888** is a surfactant-stabilized styrene acrylic copolymer emulsion with high pigment-binding capacity and excellent freeze-thaw and mechanical stability. The

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polymer is tough, flexible, clear, and has excellent heat and water resistance. It is suggested for use as a binder in the preparation of ceramic tile adhesives.

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