



TECHNICAL DATA SHEET

P-590

ISSUE DATE: 05/21/2020

PRODUCT DESCRIPTION

P-590 is an APEO free styrene-acrylic emulsion copolymer.

USES ⁽²⁾

P-590 is suitable for the formulation of high gloss enamels and light industrial coatings.

FEATURES

- Structured particles
- High gloss capability

TYPICAL PROPERTIES ⁽¹⁾

| | |
|-------------------|---------|
| Solids (%): | 48-50 |
| Viscosity (cps): | <1500 |
| Density (lb/gal): | 8.7-8.8 |
| pH: | 7.0-8.0 |

ADDITIONAL DATA

| | |
|---------------------|-----------------|
| Polymer type: | Styrene-Acrylic |
| Particle Size (µm): | 0.1 |
| Tg (midpoint) (°C): | 50 |
| Shelf Life: | 12 months |

PACK SIZES

| | |
|------------------|--------------------|
| 450lbs drum | |
| 2400lbs tote | (weights may vary) |
| 45,000lbs tanker | |

STORAGE CONDITIONS

Store containers at 5 – 25 ° C for no more than a year. P-590 containers should be well sealed to prevent evaporation of water and the formation of skin or flakes on the surface. The emulsion should be protected from freezing.

LIMITATIONS

Higher temperatures will affect quality and may cause the formation of skins, drop on pH and change of viscosity especially if the containers are not tightly closed or subjected to direct sunlight for long periods.

HEALTH AND SAFETY

Please refer to Safety Data Sheet (SDS) for environmental and safe handling information.

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