

Avicor® 384 Emulsion

Description:

- A small particle size, APE free vinyl acrylic designed for use in interior flat through semi-gloss paints. The combination of high molecular weight, hardness and flexibility produces paint films with superior toughness, gloss and durability. The small particle size provides excellent thickening response when used with associative thickeners and the product is compatible with many other polymers and coalescents.

Benefits:

- APE-free and no added formaldehyde or formaldehyde donors
- Excellent scrub and stain resistance
- Low VOC capable (<10 g/l) with the use of a low VOC coalescent
- Excellent touch-up
- Wide formulation window from flat to semi-gloss sheens without the need for a modifying polymer to harden the paint film.

Formulations:

- Suggested starting point formulations can be provided upon request. Prospective users should test formulations themselves for suitability in their own applications.

Typical Properties

Solids	55%
Viscosity	50 - 850 cps
pH	4.5 – 5.5
Copolymer type	Vinyl acetate-butyl acrylate
Particle size	200 nm
Surfactant type	APE free, Nonionic
Weight	9 lbs/gal
Tg (mid point)	+19°C

Typical Film Properties

Water resistance	Very Good
MFFT	+11°C
Film clarity	Clear
Film formation	Excellent
Gloss	High
Flexibility	Good

Storage & Handling:

- Shelf life is approximately 6 months at 77°F
- Consult MSDS for important health, safety and handling information before using this product.
- Consult Celanese's Storing, Handling and Preserving Emulsion Products brochure.

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