

TECHNICAL DATA SHEET

OPAQUE POLYMER - 332

Opaque Polymer - 332 is Styrene- acrylic copolymer emulsion to provide the opacity of emulsion paints.

OP - 332 has free of Alkyl phenyl polyoxyethylene ether (APEO) derivative surfactant which is known as a kind of mimic estrogen. Because OP - 332 has fine particle size, could be applied to the gloss paint, semi-gloss paint and sheen paint, and show good gloss and hiding.

Main advantage of OP - 332 is as following.

Low PVC paints (Gloss, Semi-Gloss, Sheen)

- ◇ If some parts of titanium dioxide in paint are replaced, it is possible to obtain similar gloss and sheen.
- ◇ If some parts of titanium dioxide are replaced, it is possible to reduce the prime cost.
- ◇ If some parts of titanium dioxide are replaced, it is possible to obtain the paint film with better hiding.

Medium PVC and HIGH PVC paints

- ◇ If some parts of titanium dioxide are replaced, it is possible to obtain the paint film with better hiding.
- ◇ The replacement of calcined clay may lead to the improvement in scrap resistance.
- ◇ If calcined clay is replaced, it is possible to reduce the prime cost and obtain the paint film with better hiding.

Physical Properties

Appearance	:	Milky White Liquid
Solid content	:	30 - 32 %
Specific gravity	:	Ca 1.023
PH	:	9 – 10.5
Average Particle size	:	0.39µm
Ionic Charge	:	Anionic

Safety and Handling

OP - 332 is slightly irritating to the skin and eyes. Avoid contact with skin and eye. When handling wear impervious rubber gloves and goggles/Face mask.

For handling/operation where possible contact may occur, a safety shower and eye wash station/facility should be available. Handling should be in a well-ventilated area. Further detailed information can be found in the MSDS sheet.

Store in closed container at 5 - 40

Packing

200KGs Plastic Drum

1 ton IBC tank

Bulk