

### **OPULYN™ 301 Opacifier (Hair Care, Skin Care)**

OPULYN™ 301 is a highly versatile opacifier for anionic surfactant-based systems. Best performance in slightly acid to moderate pH range. Tolerates moderate levels of inorganic electrolytes. Typically used in shower gels and fatty acid-based liquid hand soaps.

#### **\*Description**

- ✓ Anionic styrene/acrylic copolymer supplied at 40% solids
  
- ✓ pH: 2.1 to 2.5
  
- ✓ Particle size: 0.18 microns
  
- ✓ Preservative: none, self-preserved

\*Delivers a rich, lotionised look, with broad formulation compatibility and excellent stability





**\*Advantages**

- ✓ Excellent formulation compatibility and stability
- ✓ Suitable for a wide range of products
- ✓ Easy to use and process
- ✓ Low odour
- ✓ High whiteness and opacity
- ✓ Imparts uniform opacity and lotionized appearance to formulations
- ✓ Effectively hides amber cast or haziness in formulations
- ✓ Imparts high whiteness or a pastel color effect to formulation when used with dyes
- ✓ Excellent compatibility allows for use in a wide variety of applications
- ✓ Effective at low use levels
- ✓ Easy-to-use liquid

### **Typical Properties**

✓ Chemical Description: Styrene/Acrylate

✓ Ionic Nature: Anionic

✓ Appearance: Milky Liquid

✓ pH: 2.1 - 2.5 (As Is)

✓ Particle Size: 0.17 (Average Particle Size mm)

✓ Density: 1.03 G/Ml

✓ Viscosity: <50 (Cps As Supplied)

✓ INCI Name: Styrene/Acrylates Copolymer

### **\*Applications**

OPULYN 301 is a highly versatile opacifier for anionic surfactant-based systems.

Best suited for formulations with slightly acid to moderate pH range, containing up to moderate levels of inorganic electrolytes, such as,

✓ Mild shower gels and shampoos

✓ Fatty-acid based liquid hand soaps

### **\* Use Levels**

✓ 0.5% to 1.0%, as supplied depending on desired appearance of final product