

Structure 2020 polymer

ASE rheology modifier

Polymeric thickening agents for alcohol-based hand sanitizers.

INCI name

Acrylates Crosspolymer-6

Specifications

pH	2.2-3
Solid content	29-31 %
Viscosity	10000-15000 (pH 9.0, NaOH, 25°C, 10 rpm, 2.5% (dry)) cps

Characteristics

Appearance	White Emulsion at 20°C
Density	8.82 lbs/US gal. at 25°C
Specific Gravity	1.06 g/cc at 25°C
Viscosity	≤200 cps at 25°C

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Storage

Structure 2020 is available in bulk, intermediate bulk and 55-gallon drums. Storage tanks should be plastic, fiberglass, or 316 stainless. Pumps should be low-shear type, such as diaphragm or peristaltic type with all wetted parts and lines being stainless steel, plastic or Teflon®. Mild steel, copper, brass and aluminum should not be used. Filtering should be under low shear and volume flow conditions. Freezing should be avoided as it destabilizes the emulsion. The recommended storage temperature is 5-50°C (40-120°F). Dilution or pH adjustment of the product may require additional preservative to prevent biological growth. Keep containers tightly sealed to prevent emulsion from air drying and forming a film. Teflon® is a registered trademark of E.I. DuPont De Nemours & Co.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.