StanChem
Resins Corporation

StanChem 6477

Description

StanChem 6477 is a highly efficient, alkali-swellable acrylic polymer that is recommended for thickening synthetic emulsion systems. Thickening (viscosity increase and/or rheology) begins with the addition of ammonia, sodium hydroxide, or another amine to raise the pH to a range of 7.0-8.0 for maximum effect.

Recommended Use

Thickening synthetic emulsion systems

Typical Physical Properties

Polymer Type	Acrylic Emulsion
Solids by Weight	30.0 - 31.0 %
Viscosity @ 25°C	<50 cps
pH	2.1 - 3.5
Density	8.70 ± 0.1 lbs/gal
Thickening Response	> 3000 cps

Thickening Response | #5 Spindle @ 10 RPM

Storage

StanChem 6477 is stable for at least 12 months from the date of manufacture when stored between 5°C and 40°C in appropriate containers.

Disclaimer

The information provided on this Technical Data Sheet is given in good faith based on our current knowledge and experience. Since the conditions of product use are outside our control, this information does not imply any guarantee or warranty beyond what is set out below. Users must conduct their own tests to determine product suitability for their specific application. All sales are subject to our Standard Terms and Conditions of Sale.

Seller warrants that its product will meet the specifications which it sets for them at the time of shipment. Seller's responsibility under this warranty will be limited solely to replacing the products which do not meet the specification, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied, or statutory. IMPLIED WARRANTIES OF MERCHANTINILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.

StanChem Resins Corporation
401 Berlin Street, East Berlin CT, 06023
Phone: 860-828-0571 | Website: StanChem-inc.com | Contact: info@stanchem-inc.com
Revised: 10/20/2026