

# Aquatreat AR 4

Polyacrylic acid

Polyacrylic acid supplied excellent for water treatment dispersant and sludge conditioner

## Specifications

Intrinsic viscosity, dl/g 25°C, 0.2N NaCl, pH 7 - 9	0.16-0.23
pH	2-2.25
Solid content	24-26 %
Viscosity	100-300 (20 rpm, 25°C) cps

### Notes:

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

## Applications

Boiler water dispersant, sludge conditioner.

## Safety and handling

Aquatreat® AR 4 meets requirements of 21 CFR 173.310, if fully neutralized with sodium hydroxide.

## Additional information

Aquatreat® AR 4 is suitable for use in a number of applications where dispersion, suspension, and sequestration characteristics are required. Aquatreat® AR 4 is a hydrophilic colloid similar in properties to many water soluble gums. The rate of resolubilization of films of Aquatreat® AR 4 can be controlled by treatment with a 10% solution of various mineral acids or multivalent cations.

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