



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Polymers

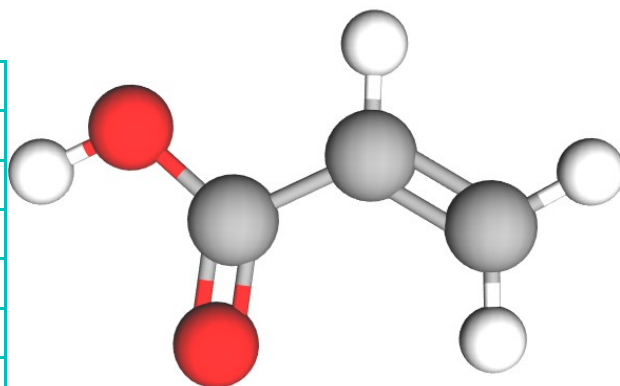
Technical Data Sheet

NorthQuest 2050

NorthQuest 2050 is a low molecular weight, partially neutralized, acrylic acid/acrylamide co-polymer. It is highly effective as a dispersant and scale inhibitor in industrial-water treatment, boiler-water treatment, and detergents. NQ2050 inhibits deposition of calcium and magnesium (carbonates, sulphates), barium sulphate, and other low-solubility salts, which are responsible for scaling on surfaces. The low molecular weight polymer shows good activity over a wide range of pH, high water hardness, and high temperatures without precipitation. The product is non-foaming, providing good environmental acceptability. CAS# 9003-06-9

Technical Specifications: Copolymer of Acrylic Acid

Appearance	Clear, to pale yellow, liquid
Solids Content, %	45.0% min
pH (1% solution)	4.5 - 6.5
Specific Gravity @ 25°C	1.18 - 1.25
Acid Value (mg NaH/g)	200 max
Viscosity, cPs @ 25°C	1000 max
Molecular Weight	3000 - 5000



Packaging: Available in 529lb drums and 2646lb totes. Small packs available by request.

Storage: Store in a cool, dry area. Keep containers closed when not in use.

Shelf Life: At least three years if properly stored in unopened container.

Safety: Use caution while handling and avoid contact with eyes. Refer to MSDS for specific information.



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