



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Polymers

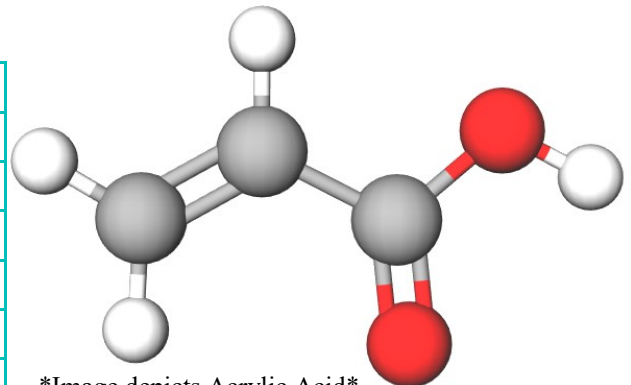
## Technical Data Sheet

### NorthQuest 1050

**NorthQuest 1050** is a low molecular weight, Polyacrylic Acid Homopolymer. It is highly effective as a dispersant in many applications such as dishwashing and fabric detergents, industrial cleaners, and mineral processing stabilizers. NQ1050 is also effective as a stabilizer of high-solid mineral slurries. This product will also: increase solubility of precipitating salts by threshold effect, prevent growth of crystals, and minimize adherence on surfaces. CAS# 9003-01-4

#### Technical Specifications: Polyacrylic Acid Homopolymer

Appearance	Clear to light yellow liquid
Solids Content, %	47 - 51 %
pH (1% solution)	3.0 - 4.5
Specific Gravity @ 25°C	1.20 - 1.25
Acid Value (mg KOH/g)	100 - 350
Viscosity, cPs @ 25°C	100 - 400
Color, APHA	50 max
Molecular Weight	4500



**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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