



**NORTH METAL & CHEMICAL COMPANY**  
*World Class Molybdenum & Tungsten Compounds*  
 Since 1921

609 E King St.  
 York, PA 17403

Phone: (717) 845-8646  
 Email: north@northchem.com  
 Web: www.northchem.com

Polymers

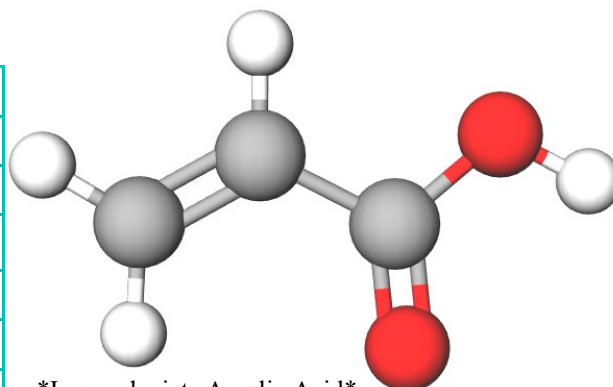
## Technical Data Sheet

### 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, %	48% min
pH (1% solution)	3.2 - 4.5
Specific Gravity @ 25°C	1.200 - 1.250
Acid Value (mg NaOH/g)	100 - 350
Viscosity, cPs @ 25°C	800 max
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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