



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

POLYMER

Technical Bulletin

TB2055_022508

NORTHQUEST 2055

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of World Class Molybdenum & Tungsten compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



Description: NORTHQuest 2055 is a low molecular weight acrylic acid/acrylamide co-polymer. It is highly effective as a dispersant and scale inhibitor in industrial water treatment, boiler water treatment, detergent as well as in all types of water based systems. NORTHQuest 2055 is an excellent alternative to the higher priced Buckman BSI 82 and the old Acumer 2000.

Features:

- Excellent Dispersant
- Low threshold inhibition

Technical Specifications: (AA/Acrylamide Co-polymer)

Appearance	Clear, colorless to pale yellow liquid
pH (neat)	13.0—14.0
Specific Gravity @ 25° C	1.15—1.20
Viscosity @ 25° C, cps	100—200 cps
Molecular weight	4500—5000
Total Solids	40—43%

APPLICATIONS: NorthQuest 2055 inhibits deposition of calcium/magnesium (carbonates, sulphates), barium sulphate and other low solubility salts, which are responsible for the depositions of scales on surfaces. The low molecular weight polymer show good activity over a wide range of pH, high water hardness and temperature without precipitation. The product is non-foaming providing good environmental acceptability.

PACKAGING: Available in 551.15 lb. drums.

SAFETY: Refer to MSDS for precautions.



NORTH METAL & CHEMICAL CO.
 P.O. Box 1904, 609 E. King St.
 York, PA 17402

Phone: (717) 845-8646

FAX: (717) 846-7350

Email: north@nmc-nic.com

Web: www.nmc-nic.com

NORTHQUEST 2055 - Technical Data Sheet