



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

TB-NQ1050 081309

POLYMER

NORTHQUEST - 1050 - Technical Data Sheet

Technical Bulletin

NORTHQUEST 1050

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 1050 is a low molecular weight, PolyAcrylic Acid homopolymer. It is highly effective as a dispersant and to stabilize high-solids mineral slurries during mineral processing.

Features:

- Excellent dispersant
- Low threshold inhibition

Technical Specifications: (polyacrylic acid homopolymer)

Appearance	Clear, pale yellow to yellow liquid
Molecular Wgt.	3000—4500
pH (neat)	6.0—8.5
Specific Gravity @ 25° C	1.18—1.22
Viscosity, 25° C, cps	500—1200 cps.
Total Solids	41 % min.

APPLICATIONS: NorthQuest 1050 allows lowering the viscosity at the time of initial formulation and also maintains low viscosity during storage. It has good thermal stability to oxidizing agents like Chlorine and is a non-foaming dispersant; hence it has good environmental acceptability.

PACKAGING: Available in 551.15 lb. drums.

SAFETY: Refer to MSDS for precautions.



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