



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Polymers

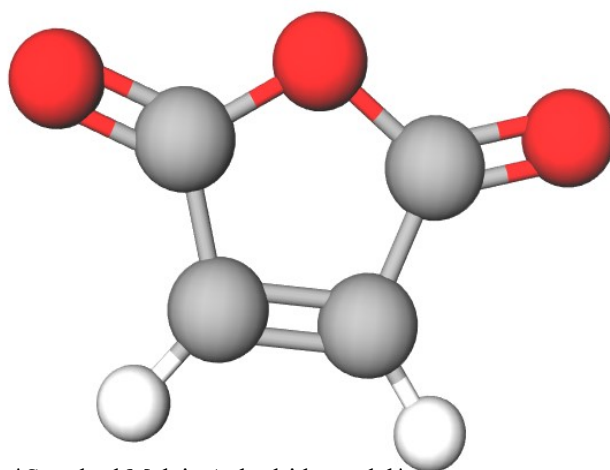
## Technical Data Sheet

### NorthQuest 283 (CPMA)

**NorthQuest 283** (Copolymer of Maleic Acid) has been developed as a calcium carbonate inhibitor and a multifunctional formulation support agent in industrial water systems and other related applications. NQ283 provides excellent thermal and chemical stability increasing shelf life, it helps to prevent settling, and features excellent dispersion thanks to its Carboxylate and Maleic groups. CAS# 26677-99-6

#### Technical Specifications: $C_4H_2O_3$

Appearance	Clear, amber liquid
Solids Content, %	48 - 52%
pH (1% solution)	2.0 - 3.0
Specific Gravity @ 25°C	1.20 - 1.30
Viscosity, cPs @ 25°C	50 max
Acid Value, mg NaOH/mL	450 mg max
Sequestration Value; mg $CaCO_3$ /g	200 max
Color, APHA	20 max



\*Standard Maleic Anhydride model\*

**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:** NorthQuest 283 is generally safe, but avoid contact with eyes and skin. Do not take internally. Refer to MSDS for additional precautions.



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