



NELSON BROTHERS SPECIALTY CHEMICALS

CUSTOM MANUFACTURING

As an experienced manufacturer, Nelson Brothers has developed a broad range of capabilities for a variety of applications. Our facility is designed to scale with you and adapt to your unique technical requirements. Our technical team will partner with you to deliver a customized solution.

CAPABILITIES

Maleation

Isomerization

Amination

Dehydration

Esterification

Blending

Boronation

KEY BUILDING BLOCKS

Maleic Anhydride

Poly Alpha Olefins

Conventional Polyisobutylene:
450 – 1200 MW

Highly Reactive Polyisobutylene:
450 – 2300 MW

Alkenyl Succinic Anhydrides

Alkanolamines

Ethylenamines

Tetramers

Piperazines

Morpholine

Polyols

Base Oils

Brightstocks

Ammonia

NELSON BROTHERS SPECIALTY CHEMICALS

CUSTOM MANUFACTURING

CUSTOM MANUFACTURING EQUIPMENT

Vacuum Capability

Dehydration Tower

Residual Stripping Columns

Nitrogen Sparging Systems

Heat Traced Piping

Internal Cooling Loops

Mixing Tanks

Storage Tanks

Pressure Leaf Filter

Plate Filters

Bag Filtration

REACTORS

8,500 gallon 316L SS Scale

4,500 gallon 316L SS Scale

3,500 gallon 316L SS Scale

7,500 gallon 316L SS Scale

AVAILABLE PACKAGING

Drum (55 gallons)

IBC (275 gallons)

Flexi Tank (5500 gallons)

ISO Tank (5500 gallons)

Road Tanker (6000 gallons)

Rail Car (26500 gallons)

QUALITY INSTRUMENTATION/TESTING

Nitrogen Analyzer

Coulometric Water Titrator

Microviscometer

Turbiscan

FTIR Spectroscopy

Automatic Flash Point Analyzer

Titration

Particle Size Analyzer

Tensiometer

Inductively Coupled Plasma

GC/MS

LIMS

PILOT/R&D REACTORS

500 gallon 316L SS

50 gallon 316L SS

1 gallon 316L SS

1 L Glass Kettle

500 mL Glass Kettle

200 mL Pressure Reactor

Our facility is designed to adapt to your unique technical requirements and scale. Our technical team stands ready to deliver customized solutions for your business. Please contact us for your custom manufacturing needs.