



**CASE**

Resin Synthesis Product Guide

**Barentz.**

Always a better solution.

# Principal Partners

Leading Edge Technology by:



BRUNO BOCK  
THIOCHEMICALS

EVANS  
CHEMETICS



CRODA

ELEMENTIS



NIPPON  
SHOKUBAI



Barentz works together with our customers and Principal partners to provide outstanding technical and formulary support.

# Product Offering

## EMULSION POLYMERIZATION

- Biocides
- Catalysts
  - 2,4-Pentanedione
  - 3-MPA
  - Aluminum Acetate
- Chain Transfer Agents
  - Monofunctional Water Insoluble CTA's: 2-EHTG, IOTG, C13TG, 2-EHMP, IOMP, BuMP, C13MP
  - Multifunctional Water Insoluble CTA's: PETMP, TMPMP, GDMP, PETMA, TMPMA, GDMA
  - Water Soluble CTA's: TGA, 3-MPA
- Crosslinkers
  - EGDMA
- Defoamers
- Initiators
  - Ammonium Persulfate
  - Potassium Persulfate
  - Sodium Persulfate
- Monomers
  - Acrylic Monomers: GAA, 2EHA, BA, MA, EA
  - Hydroxy Acrylates: HEMA, HPMA, HEA, HPA
  - Itaconic Acid
  - Methacrylates: MMA, GMAA, iBMA, nBMA, GMA, CHMA
  - Specialty Acrylates: IBOA, IBOMA
- Polymerization Inhibitors
  - 4-HT
  - HQ
  - MEHQ
  - Phenothiazine
  - TBHQ
  - Tert-butyl catechol (TBC)

- Rheology Modifiers
- Silane Coupling Agents
- Silicone OH Polymers
- Surfactants
  - Alkyl Benzene Sulfonates
  - Alkyl Ether Sulfate
  - Alpha Olefin Sulfonate
  - Alkyl Sulfate
  - Fatty Alcohol Ethoxylate
  - Mono & Diester Sulfosuccinates
  - Phosphate Esters
  - Sodium Naphthalene Sulfonate
  - Sulfosuccinamates
  - Tristearylphenol Ethoxylate

## CONDENSATION POLYMERIZATION

- Acids
  - Adipic Acid
  - Isophthalic Acid
  - Maleic Anhydride
  - Succinic Acid
  - Terephthalic Acid
- Butyl Ethyl Propanediol (BEPD)
- Cure Promoter for Peroxide Cure Systems
  - DMPT
- Polyols
  - NPG
  - Pentaerythritol
  - TMP

# CASE Technical Laboratories

## Technical Service, Laboratory Support, & Application Projects

### Technology Support for Customers & Principals

CASE works hand-in-hand with our customer and principal partners to provide outstanding technical support. Our CASE Technical Labs have extensive development and testing capabilities, including raw material selection & optimization, prototype formulation development, application testing, and product quality troubleshooting. Contact CASE today to learn more.

### Laboratories:

- CASE / HI&I Lab – Boca Raton, FL
- Canadian Client Solutions Lab – Oakville, ON

### Starting Point Formulations

- Formulation substitution utilizing Barentz Principals
- Quick turn around
- Great resource for our customers & principals

### New Product or Formulation Development

- Working hand in hand with our customers to develop new products
- Introduction of new technology
- Entrance into a new market with existing technology

### Raw Material Qualification

- Verify product performance
- Raw material screening
- Ladder studies
- Problem solving

### Custom Synthesis and Toll Manufacturing Services

- Development of specialty chemical blends
- Customized and unique/proprietary components
- Management of the complexity of small batch manufacturing and inventory planning
- Particle Size Modification, repacking, and custom labeling
- Technical Assistance



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