

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / PRODUCT PLATFORM

StructuraGel™

Synthetic gel systems

Use designed gel structure to control placement, thickening, handling or product texture.





STRUCTURAGEL™ / 01

Where the platform fits

Use designed gel structure to control placement, thickening, handling or product texture.

COMPLETION

Synthetic rheology options for selected fluid systems.

MINING

Tailings, paste and slurry thickening concepts.

PERSONAL CARE

Research-stage texture and gel formats for specialty formulations.

CONNECTED SYSTEM

Chemical IP R&D, OFI supply and Kane engineering can be combined when the process requires more than a product.

Select the treatment around the customer stream, objective and operating constraints.



STRUCTURAGEL™ / 02

Prove the operating value

Application-specific tests connect a technical response to a customer decision.

DESIGN

Specify yield behavior, shear history, temperature and hold time.

SCREEN

Measure viscosity, structure recovery and compatibility.

PILOT

Confirm pumpability, stability and application outcome.

VALUE METRIC

The value of controlled rheology after handling and treatment costs.

Bench and field results define the commercial claim for this application.



STRUCTURAGEL™ / 03

From trial to program

Qualified chemistry becomes a repeatable supply and service arrangement.

QUALIFY

Agree on the specification, sampling plan and acceptance criteria.

ENGINEER

Select product form, production route, equipment and safe operating envelope.

SUPPLY

Choose bulk, toll, private label or regional manufacture as volume supports.

IMPROVE

Connect batch quality, dose and field data to an ongoing technical review.

A representative sample and a measurable target are the best starting point.