

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / PRODUCT PLATFORM

PolyVelocity™

Polymers & friction reduction

Engineer polymer architecture, format and handling for demanding water and flow conditions.

APPLICATION • PROOF • COMMERCIAL SCALE



01 / 04



POLYVELOCITY™ / 01

Where the platform fits

Engineer polymer architecture, format and handling for demanding water and flow conditions.

COMPLETIONS

Inverse-emulsion friction reducers for fresh and high-salinity water.

SEPARATION

Anionic and cationic PAM options for clarification and tailings.

SPECIALTY

Application-specific polymer concepts for retention, rheology and conditioning.

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.



POLYVELOCITY™ / 02

Prove the operating value

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

WATER FIT

Screen salinity, hardness, pH, temperature and compatibility.

PERFORMANCE

Run loop, jar, drainage or rheology tests against the incumbent.

HANDLING

Validate inversion, make-down, storage and field delivery.

VALUE METRIC

Customer cost per treated barrel or ton at the required performance.

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



POLYVELOCITY™ / 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.