

Water Treatment



WATER TREATMENT

- Softening
- Demineralization
- Reverse osmosis
- Selective sorption of pollutants

WATER PURIFICATION

- Sludge thickening
- Sludge dewatering
- Sorption of heavy metals
- Precipitation of heavy metals
- Defoaming

Sorption and Ion Exchange

PRODUCT	DESCRIPTION	PRODUCER
LEWATIT®	ion exchange	LANXESS
KSH®	filtration nozzles and accessories	KSH
BAYOXIDE®	hydrated iron oxide – sorption of arsenic or other oxyanions	LANXESS
ACTIVATED CARBON	sorption of heavy metals and other special purposes	RESORBENT

Membrane processes and filtration

TORAY RO	membrane modules for reverse osmosis	TORAY
CSM® RO	membrane modules for reverse osmosis	TORAY
TORAY UF	membrane modules for ultrafiltration	TORAY
CSM® NF	membrane modules for nanofiltration	TORAY
TORAY MBR	membrane bioreactors	TORAY
ROPUR RPI®	antiscalants	TORAY

Polymer flocculants

PRAESTOL™	water-soluble polymer flocculants	SOLENIS
BRIGHTFLOC®	water-soluble polymer flocculants	RADKA

Chemical pretreatment and coagulation

TMT 15®	organic precipitating agent – heavy metal capture	EVONIK
METALSORB™	organic precipitating agents – heavy metal capture	SNF
PRAESTOL™	organic precipitating agents – coagulation, emulsion breaking	SOLENIS
BRIGHTFLOC®	organic precipitating agents – coagulation, emulsion breaking	RADKA

Defoamers

PRODUCT	DESCRIPTION	PRODUCER
ANTISPUMIN™	foam suppression in wastewater and industrial processes	SOLENIS
BRIGHTFOAM®	foam suppression in wastewater and industrial processes	RADKA

Conditioners

POLYSTABIL®	conditioning and overall treatment of cooling circuits	SOLENIS
HELAMIN®	organic agent – protection of cooling circuits, boiler treatment	HELAMIN

Technical-application service

IONEXES, REVERSE OSMOSIS	consultancy, ion exchange analyses, calculations of ion exchange and reverse osmosis stations	RADKA
POLYMER FLOCCULANTS, DEFOAMERS	laboratory and operational tests, dosage calculations, application procedure design, product selection in wastewater treatment and water pretreatment areas	RADKA

ADDITIONAL SERVICES

Technical
CONSULTATION

ENGINEERING
activities

Laboratory
TESTS

TECHNOLOGICAL
units

Operational
APPLICATIONS

SERVICE
& Maintenance

Project
DOCUMENTATION

Storage,
LOGISTICS

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