



KOR PDS 2100

Chemical Name Acrylic Acid /
Acrylamidomethyl Propane
Sulfonic Acid Copolymer

CAS No 40623-75-4

Einecs No 609-852-3

PRODUCT FEATURES

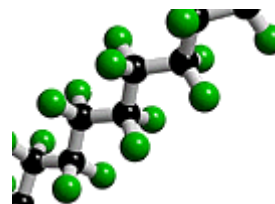
- ✓ KOR PDS 2100 is a copolymer of acrylic acid and sulfonated monomers. The sulfonated monomers combine hydrophobic character, aromatic structure and high charge density.
- ✓ This unique combination of monomers has resulted in a copolymer with multifunctional performance characteristics.
- ✓ Exhibits good stability in the presence of hypochlorite.
- ✓ It has synergetic effect together with other phosphonates and polyacrylic acids.
- ✓ Superior thermal stability: Good sludge conditioner and dispersant for boilers.
- ✓ Effective during on line cleaning.

USE AREA

- ✓ Water treatment
- ✓ Oil field
- ✓ Detergents / cleaner formulations
- ✓ Metal treatment
- ✓ Industrial cleaners
- ✓ Electroplating
- ✓ Photographic printing inks
- ✓ Construction chemicals

Carboxylate/Sulfonate Copolymer

STRUCTURE



PHYSICAL PROPERTIES

Solid Content%	43,0-45,0
Boiling Point⁰C	Approx. 100 ⁰ C
Flash Point⁰C	> 100 ⁰ C.
Color APHA (UV-VIS)	200 max.
Specific Gravity(@25⁰C),g/cm³	1,20 – 1,30
pH (%10) @25⁰C	3,80-4,60
Viscosity @20⁰C	200-600 mPa.s
Appearance	Light Yellow Viscose Liquid

SAFETY

Not classified as dangerous according to transport regulations.

PACKAGE

Container, Drum and IBC

STORAGE

For best results, the material should be kept cool and dry.

MKS DevO Chemicals

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