



Technical Data Sheet

MATERIAL: Poly(acrylic acid), sodium salt

CATALOG NUMBER: 515

CAS NUMBER: 9003-04-7

DESCRIPTION:

FORMULA: $(C_3H_3O_2)_x \cdot xNa$

TYPICAL PROPERTIES:

Appearance:	Powder
Sodium ion:	17.5%
Residual carboxyl:	10%
Approx Mw:	2,100
pH:	5.5-6.5
Apparent gravity:	0.5 gm/cc
Solubility:	Water

GENERAL INFORMATION: Sodium polyacrylates are watersoluble polymers which have been used in a variety of applications including cooling water treatment, scrubber treatment, boiler water treatment and soap and detergent formulations.

STRUCTURE: