



## Technical Data Sheet

**MATERIAL:** Polystyrene sulfonic acid

**CATALOG NUMBER:** 179

**CAS NUMBER:** 28210-41-5

**DESCRIPTION:** 20% Solids in water

**FORMULA:**  $(C_8H_8O_3S)_x$

**TYPICAL PROPERTIES:**

Appearance:	Liquid
Approx Mw:	70,000
Density:	1.10
Brookfield viscosity:	250
Solubility:	Ethanol, lower glycols, methanol

**GENERAL INFORMATION:** Polystyrene sulfonic acid is a polyelectrolyte which has found use as an electroconductive resin in electrographic and electrophotographic substrates. It is reactive to hydroxides and amines and forms insoluble salts with fatty quaternary amines.

**STRUCTURE:**

