

Cation Exchange Resin

Data sheet no. DenA8284103x

High purity, strong acid cation exchange resin with color indicator.

Application

- Measurement of conductivity after cation exchange in water-steam cycles of power and industrial plants: use with SWAN monitors Deltacon Power, Deltacon Degasser and Powercon Acid or with the separately available flow cell Catcon+ SL.

Chemical properties

- Polymer matrix: Styrenic gel
- Functional group: Sulfonic acid
- Ionic form: Hydrogen
- Cross-linking: 8 %
- Capacity: 1.8 meq/mL
- Color change: Purple (hydrogen form) to amber (neutral salt form)

Physical characteristics

- Physical form: Spherical beads
- Particle size: 0.30 to 1.18 mm (50 to 16 US Mesh)
- Particles <0.30 mm: <1 %
- Minimum sphericity: 85 %
- Uniformity coefficient: 1.6
- Bulk density: 0.79 to 0.82 kg/L



Order numbers:	Cation exchange resin	A-82.841.03_
Quantity	1-liter bottle (for direct installation on SWAN instruments)	0
	10-liter bag	5

04/2024 Subject to changes without notice

