

EPICOR™ DYED CATION RESIN TCD-1

DESCRIPTION

A strongly acidic cation exchanger, produced from a sulfonated copolymer of styrene divinylbenzene. This material is treated with a dye that changes the color of the hydrogen (H⁺) form resin to a bright purple.

APPLICATION

The dyed resin is routinely used in power plant and laboratory conductivity columns. After dyeing, these resins change color when converted from the regenerated form to the exhausted form, allowing visual determination of exhaustion.

TOTAL EXCHANGE

CAPACITY, meq/ml min. 1.8

WATER RETENTION

CAPACITY, % 55 Maximum

PARTICLE SIZE RANGE,

mesh 16 to 40

ION FORM (AS SHIPPED) Hydrogen (H⁺)

ABOUT

For over 50 years Evoqua's EPICOR™ resins have been considered an essential component of critical water treatment applications in both fossil-fuel and nuclear power plants. EPICOR specialty resins are also widely used in high-purity and ultra-pure water treatment systems.