

Water Ion Exchange Mixed Bed Resin



5 Liters Bag

AQUAPRO®

BASIC FEATURES

- **Application:** General purpose deionizing applications and spot-free rinsing for window/vehicle washing, WEDM, Aquarium
- **Polymer matrix structure:** Gel polystyrene crosslinked with divinylbenzene (DVB)
- **Appearance:** Amber, spherical beads
- **Functional Group:** Sulfonic Acid / Quaternary Ammonium, Type 1
- **Ionic form as shipped:** H⁺ / OH⁻

PRODUCT SPECIFICATION

SUGGESTED OPERATING CONDITIONS:

- **Max operating temperature:** 60°C / 140°F
- **PH range:** 2-12
- **Minimum bed depth:** >600mm
- **Maximum pressure loss:** 25 psi
- **Service flow rate:** 8-40 BV/h

PHYSICAL AND CHEMICAL PROPERTIES:

- **Total exchange capacity Cation/Anion (eq/L):** ≥1.9/≥1.0
- **Moisture retention (%):** 55-60
- **Particle size range (%):** 0.315-1.25mm≥95
- **Whole uncracked beads after attrition (%):** ≥95
- **Shipping weight (g/ml):** 0.69-0.75
- **Volume ratio Cation/Anion(%):** 50/50
- **Uniformity coefficient:** <1.7