



RESION 22

EQMEO091 – STRONG ACID CATION EXCHANGE RESIN

PRODUCTION DESCRIPTION

RESION 22 is a 10% crosslinked gel type polystyrene cation exchange resin used in all water softening and pure water applications. RESION 22 is designed for high capacity applications requiring a low pressure drop and excellent physical stability and resistance to oxidation. RESION 22 is supplied in the sodium (Na+) form.

EQUIVALENTS:

CG10, C100X10, C-10, S110, C250, C-20X10, HCR-W2/C10

FEATURES:

- High crush strength and high sphericity combined with uniform particle size provides greater resistance to bead breakage.
- 95% of beads range from 16 to 45 mesh size providing a low pressure drop across the media bed.
- 10% DVB crosslinking provides longer resin life and oxidation resistance.
- Complies with USDA regulations for potable water applications and conforms to paragraph 21 CF 173.25 of the food additives regulations.

PHYSICAL & CHEMICAL PROPERTIES	
Polymer Structure	Gel polystyrene crosslinked with DVB
Functional Group	Sulfonic acid, R-(SO ₃)-M+
Ionic Form, as shipped	Na+
Screen Size Range (U.S. Standard Screen)	16-45 mesh
Particle Size Range	0.40 mm – 0.60 mm
Uniformity Coefficient	1.6 maximum
Total Exchange Capacity (Na+)	>=2.1 eq/l min. (>=45.92 Kgr/cu ft min)
Moisture Content	38-45% (Na+)
Temperature Limit	250°F maximum
Swelling	<=10% maximum, Na to H form
Shipping Weight (approximate)	53-59 lbs/cu ft
Packaging	1 cu ft bag

PRODUCT NUMBER: [EQMEO091](#)



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Equipment changes are at the sole discretion of Better Water LLC.
Brochure photographs and specifications may not reflect recent changes.