

Chelating Resin for Copper Removal

Purolite S910 is an amidoxime chelating resin, designed for the removal of cations of metals such as copper and iron from water or other solvent even at relatively low pH. It can also be used for the recovery of traces of precious metals from dilute solutions. It cannot be used for removal of alkaline earth metals.

Basic Features:

Application	Heavy Metal Removal
Polymer Structure	Macroporous crosslinked polymer
Appearance	Spherical beads
Functional Group	Amidoxime
Ionic form as shipped	Free Base

Typical Physical and Chemical Characteristics:

Copper Capacity min.	40 g/l
Total Capacity (FB)	1.90 eq/l
Moisture Retention (FB)	52 - 60 %
Mean Size Typical	0.60 - 0.85 mm
Uniformity Coefficient (max.)	1.70
Specific Gravity	1.15 - 1.19 g/ml
Shipping Weight (approx.)	740 - 770 g/l
pH Limits	0 - 14 (Stability)
pH Limits	Depending on metal to be removed (Operating)

USA
Telephone: (1) 610-668-9090
Fax: (1) 610-668-8139
Email: info@puroliteusa.com

Europe
Telephone: +44 1443 229334
Fax: +44 1443 227073
Email: sales@purolite.com

Asia Pacific
Telephone: +86 571 876 31385
Fax: +86 571 876 31385
Email: pultalan@purolitechina.com