

PUROLITE S984 is a high capacity, macroporous chelating resin with a polyacrylic matrix supporting functional groups of the polyamine type. The carefully formulated, macroporous acrylic matrix ensures excellent exchange kinetics for the removal of trace heavy metals and other anions from wastewater streams. The special polyamine functionality produces very interesting operating capacities and makes the uptake of specific cations possible even when they are present in the waste stream as organic anionic complexes. Its tough and resilient macroporous structure also affords excellent mechanical strength and resistance to osmotic shock.

Basic Features:

Application	Cobalt removal
Polymer Structure	Macroporous polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Polyamine
Ionic form as shipped	Free Base

Typical Physical and Chemical Characteristics:

Total Capacity (FB)	2.70 eq/l
Moisture Retention (Cl)	45 - 55 %
Specific Gravity	1.10 g/ml
Shipping Weight (approx.)	43.0 - 45.5 lbs/ft ³
Temp Limit	Cl ⁻ 100 °C
Temp Limit	Cl ⁻ 212 °F
pH Limits	0 - 14 (Stability)
pH Limits	0 - 10 (Operating)

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