

Purolite® C100H

Gel Type Strong Acid Cation Exchange Resin

Basic Features:

Description	Gel Type Strong Acid Cation Exchange Resin
Application	Demineralization of Water
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	H+

Product Data:

Total Capacity (min.)	Na ⁺	2eq/l
Moisture Retention	H ⁺	51-55%
Mean Size Typical		0.60-0.85mm
Uniformity Coefficient (max.)		1.7
Reversible Swelling (max.)	Na ⁺ → H ⁺	8%
Specific Gravity		1.2g/ml
Shipping Weight (approx.)		755-790g/l
Shipping Weight (approx.)		47.2-49.4lbs/ft ³
Temp Limit	H ⁺	120°C
Temp Limit	H ⁺	250°F
Temp Limit	Na ⁺	140°C
Temp Limit	Na ⁺	285°F
pH Limits		0-14