

Product Specification

BC121FD



BC121FD Cation Exchange Resin For Water Softening

Application

Domestic/ Food grade softening - Potable Use such as drinking water softening, food industrial water softening.

Physical Properties

Polymer Structure	Styrene Crosslinked with DVB
Ionic Form, as shipped	Sodium
Screen Size Distribution	16 to 50
+16 mesh (U.S. Std)	< 5%
-50 mesh (U.S. Std)	< 1%
Uniformity Coefficient (max.)	1.6
Water Retention	44 – 48%
Swelling Ca ²⁺ to Na ⁺ or Na ⁺ to H ⁺	approx. 8%
Total Capacity	2.0 meq/ml min
Shipping Weight(approx.)	0.80-0.84 g/l
Temperature Limit	120°C

SUGGESTED OPERATING CONDITIONS

pH Range		0 – 14
The High Temperature	°C	≤ 120
The Bed high	m	1.0 – 3.0
Regenerant		NaCl
Regenerant Level	g/mol	100-120
Regenerant Concentration	%	5 - 8
Regenerant Flow Rate	m/h	4 - 5
Regenerant Temperature	°C	Normal Temperature
Regenerant Contact Time	min	> 30
Exchange Flow Rate	m/h	4 - 5
Exchange Time	min	20 -30
Rinsing Flow Rate	m/h	15 - 20
Rinsing Time	min	10 -20
Operating Flow Rate	m/h	15 -30

PACKAGING

25L/bag or 1000L/bag

Water Quality Association Gold Seal Certificate

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Facility: Jiangsu Jinkai Resin Chemical Co., Ltd.



Certification Date: August 01, 2013

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