## Product Data Sheet DIAION<sup>™</sup> UBA1000HUP

DIAION<sup>™</sup> UBA1000HUP is an anion exchange resin with a uniform particle size. It has a standard crosslinkages and excellent properties. It is recommended for higher purity water treatment application.

		Product
DIAION <sup>™</sup> UBA100OHUP		Grade Name
Strong Base Anion		Туре
Styrene-DVB, Gel		Matrix
I (trimethyl ammonium groups)	Type I	Functional Group
OH		Ionic Form
		Specification
90 min.	-	Whole Bead Count
1.0 min.	meq/mL	Salt Splitting Capacity
59 - 65	%	Water Content
590 ± 50	μm	Average Diameter
1.10 max.	-	Uniformity Coefficient
95 min.	%	Ionic Conversion (OH-)
15 max.	MΩ•cm	Outlet resistivity
20 min.	ppb	ΔΤΟΟ
		Typical Properties
660	g/mL	Shipping Density
1.07	g/mL	Particle Density
23	%	Total Swelling (Cl <sup>-</sup> to OH <sup>-</sup> )
	ions	Recommended Operating Condition
80 (Cl <sup>-</sup> )	°C	Maximum Operating Temperature
60 (OH⁻)		
0 - 14		Operating pH Range
800	mm	Minimum Bed Depth
10 - 60	m/h	Service Flow Rate
NaOH	-	Regenerant
NaOH 2 - 8	%	Regenerant Concentration
		_
50 - 200	g/L	Regenerant Level
50 - 200 2 - 8	g/L m/h	Regenerant Level Regenerant Flow Rate



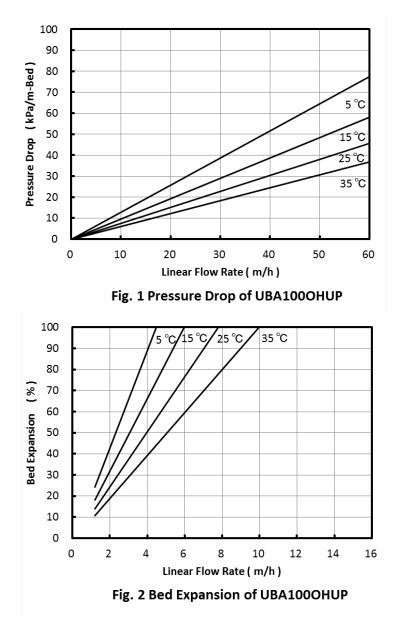
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## Hydraulic Characteristics

The approximate pressure drop at various temperatures and flow rates for each meter of bed depth of  $DIAION^{TM}$  UBA1000HUP resin in normal down flow operation is shown in the graphs below.



## Notice

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