

Product Data Sheet

DIAION™ UMA130J

DIAION™ UMA130J is an anion exchange resin with a uniform particle size. It has a standard cross-linkages and excellent properties. A wide range of applications, especially in a field of manufacturing and processing pure water, is recommended.

Product

Grade Name	DIAION™ UMA130J	
Type	Strong Base Anion	
Matrix	Styrene-DVB, Gel	
Functional Group	Type I (trimethyl ammonium groups)	
Ionic Form	Cl ⁻	

Specification

Whole Bead Count	-	95 min.
Salt Splitting Capacity	meq/mL	1.35 min.
Water Content	%	43 - 53
Mean Particle Size	µm	270 - 330
Uniformity Coefficient	-	1.1 max.

Typical Properties

Shipping Density	g/L	720
Particle Density	g/mL	1.07
Total Swelling (Cl ⁻ to OH ⁻)	%	24

Recommended Operating Conditions

Maximum Operating Temperature	°C	80 (Cl ⁻) 60 (OH ⁻)
Operating pH Range		0 - 14



Hydraulic Characteristics

The approximate pressure drop at various temperatures and flow rates for each meter of bed depth of DIAION™ UMA130J resin in normal down flow operation is shown in the graphs below.

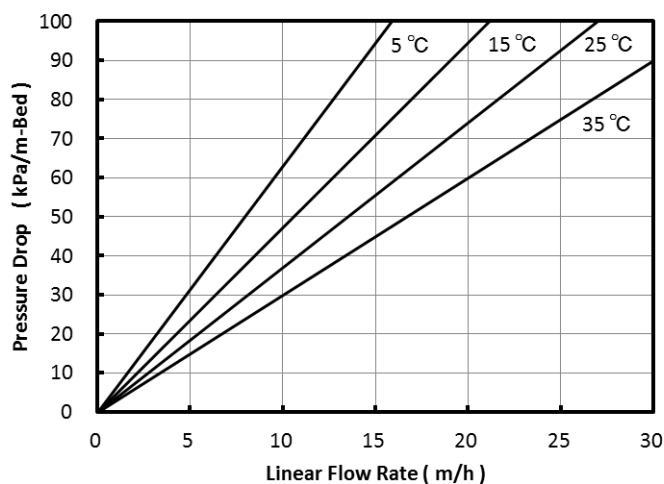


Fig. 1 Pressure Drop of UMA130J

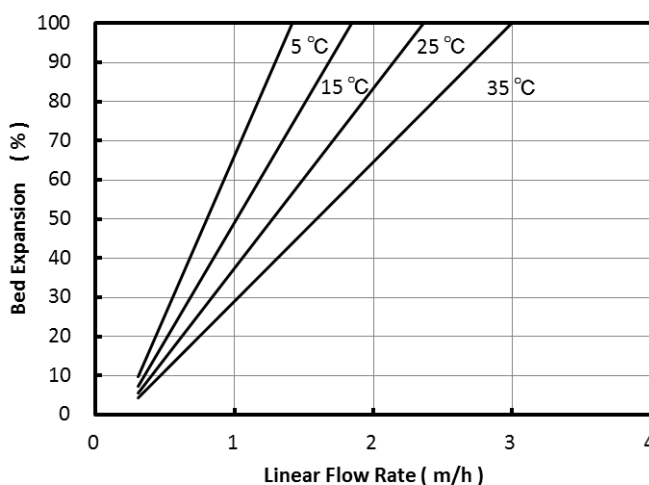


Fig. 2 Bed Expansion of UMA130J

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