Product Data Sheet DIAION[™] WK10

DIAION[™] WK10 is a methacrylic-type weakly acidic cation exchange resin. It has carboxylic acid functionality with high regeneration efficiency. A wide range of applications, especially in a field of purification of pharmaceuticals, foods and organic chemicals, is recommended.

	DIAION [™] WK10
	Weak Acid Cation
	Methacrylic, Porous
	Carboxylic Acid
	H ⁺
-	95 min.
meq/mL	2.5 min.
%	52 - 58
%	5 max.
%	1 max.
mm	0.40 min.
-	1.6 max.
g/L	630
μm	590
g/mL	1.13
%	47
ions	
°C	150
	5 - 14
mm	800
BV/h	5 - 40
	HCI
%	HCl 1 - 5
% of ionic load	110
	2 - 6
BV/h	2 - 0
	sions % % % mm g/L μm g/L μm g/L % Sions °C mm BV/h % % of ionic load

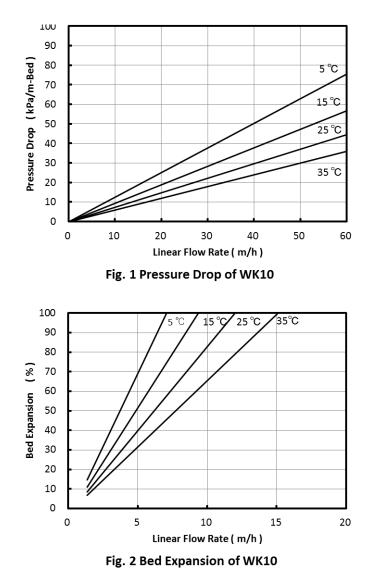
1 BV(Bed Volume)=1 m³/m³-resin



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Hydraulic Characteristics

The approximate pressure drop at various temperatures and flow rates for each meter of bed depth of $DIAION^{TM}$ WK10 resin in normal down flow operation is shown in the graphs below.



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