

Potable Water Treatment

PRODUCT NAME	INDION SRCD I	INDION ISR	INDION NSSR
Applications	Purification of potable water	Removal of dissolved iron from water	Selective removal of nitrates from water
Resin Type	Polyiodide resin	Catalytic resin	Macroporous Strong Base Anion – Type I
Matrix Type	Crosslinked Polystyrene	Crosslinked Polystyrene	Styrene DVB
Functional Groups	- N ⁺ R ₃	-	- N ⁺ R ₃
Standard Ionic Form	I ₃ ⁻	-	Cl ⁻
Particle size range – mm	0.2 – 1.0	0.3 – 1.2	0.3 – 1.2
% Moisture	-	46 – 52	50 – 55
Max. Operating Temperature ° C	-	40	100 (Cl ⁻)
Total Exchange Capacity, meq/ml	-	-	0.9
Volume change %	-	-	Cl ⁻ to NO ₃ ⁻ Negligible

PRODUCT NAME	INDION 225 Na F	INDION 225 K F
Applications	Treatment of potable water and food stuff.	High purity food grade resin for potable water treatment
Resin Type	Gel Strong Acidic Cation	Gel Strong Acidic Cation
Matrix Type	Styrene DVB	Styrene DVB
Functional Groups	- SO ₃	- SO ₃ ⁻
Standard Ionic Form	Na ⁺	K ⁺
Particle size range – mm	0.3 – 1.2	0.3 – 1.2
% Moisture	47 – 54 (H ⁺)	47 – 54 (H ⁺)
Max. Operating Temperature ° C	120	120
Total Exchange Capacity, meq/ml	2.0	2.0
Volume change %	Na ⁺ to H ⁺ - 8 to – 10	Na ⁺ to H ⁺ - 8 to 10