

Case Study

INDION 790 & INDION 860 in Gelatin Industry

Gelatin manufacturing unit

Manufacturing since last 33 years
Having products like Gelatin, Ossein, Di Calcium Phosphate

Challenge

Ash content in Gelatin
Due to high ash content, the product could not meet the requirements of the end users

Solution

Indion 790 & INDION 860 are used to reduce the ash content in Gelatin

The Gelatin passed through Ion Exchange columns containing Indion 790 & Indion 860 meets the specifications

Ash content reduction

After passing the Gelatin through Ion Exchange columns containing Indion 790 & Indion 860, was exactly matching with the customer's requirements with respect to reduction in ash content

Details of existing Gelatin deashing plant:

	Indion 790	Indion 860
Resin qty, liters	1750	2300
Regeneration level, kg / m ³	85	70
Service flow, m ³ / hr	10 - 13	10 - 13
Design OBR, m ³	120	120

Parameter	Before Treatment	After Treatment
Ash Content, w/w	1 to 3 %	0.2 %
Conductivity, $\mu\text{S} / \text{cm}$	500 to 5000	<100

