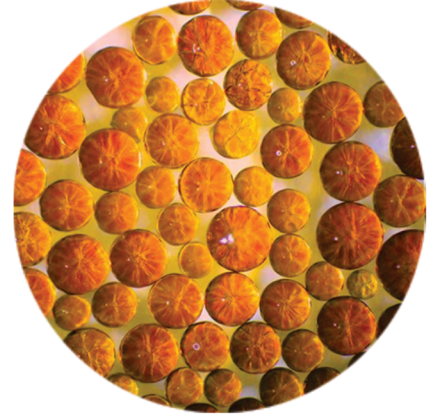


## INDION® NON-SOLVENT CATION RESINS

Ion Exchange (India) Ltd. introduces Non-Solvent Cation exchange resins to the market as a part of its environmental friendly manufacturing approach and sustainability initiatives.

Non-solvent cation resins are being produced without the use of environmentally harmful solvents. The technology of producing such resins is different from the conventional method of manufacturing ion exchange resins. Typical product specifications of solvent and non-solvent resins are similar except the appearance.



Product Name	INDION 220 NaNS	INDION 222 NaNS	INDION 225 NaNS	INDION 525 NaNS	INDION FM NaNS
Appearance	Dark brown to Black coloured beads				
Matrix	Styrene divinylbenzene copolymer				
Functional Group	Sulphonic acid sodium salt				
Total exchange capacity	> 1.8 meq/ml	> 1.9 meq/ml	> 2.0 meq/ml	> 2.1 meq/ml	> 2.0 meq/ml
Moisture holding capacity	50 - 55 %	43 - 49 %	45 - 50 %	39 - 43 %	45 - 50 %
Particle size range	0.3 - 1.2 mm				0.21 - 0.6mm

All chemical parameters and operating conditions are identical with conventional solvent-based cation resins. The only difference is the physical appearance. The colour of the solvent free cation is darker. Application of this resin is not only limited to softening and demineralization. But also useful in mixed bed application in which the dark coloured cation resin is helpful for visual identification of separation during regeneration.

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional/branch offices for current product specifications.



### ION EXCHANGE (INDIA) LTD.

#### Corporate Office

Ion House, Dr. E. Moses Road, Mahalaxmi,  
Mumbai - 400011 | Tel: +91 22 6231 2000  
E-mail: ieil@ionexchange.co.in

#### Regional and Branch Offices

Bengaluru | Bhubaneswar | Chandigarh | Chennai  
Delhi | Hyderabad | Kolkata | Lucknow | Vadodara  
Vashi | Visakhapatnam

#### International Division

R-14, T.T.C MIDC, Thane - Belapur Road, Rabale,  
Navi Mumbai - 400 701 | Tel: +91 22 6857 2400  
E-mail: export.sales@ionexchange.co.in

#### Overseas Offices

Bangladesh | Canada | Indonesia | Kenya  
Malaysia | Oman | Portugal | Saudi Arabia | Singapore  
South Africa | Sri Lanka | Tanzania | Thailand | UAE | USA

#### Manufacturing Units

India - Ankleshwar | Hosur | Patancheru | Rabale | Verna | Wada

Overseas - Bangladesh | Indonesia | Saudi Arabia | UAE

All India Service and Dealer Network

[www.ionexchangeglobal.com](http://www.ionexchangeglobal.com) | [www.ionresins.com](http://www.ionresins.com)

