

INDION® 225 H(MB)

Description

INDION 225 H(MB) is a strongly acidic cation exchange resin containing sulphonic acid groups. It is specially designed for the mixed bed applications.

The resin is extremely robust and has excellent physical and chemical characteristics. It is supplied in moist condition in hydrogen form.

Characteristics	
Appearance	Golden yellow beads
Matrix	Styrene divinylbenzene copolymer
Functional Group	Sulphonic acid
Ionic form as supplied	Hydrogen
Total exchange capacity	1.8 meq/ml, minimum
Moisture holding capacity	49 - 55%
Shipping weight*	760 - 800 kg/m ³
Particle size range	0.42 to 1.2 mm
> 1.2 mm	5.0%, maximum
< 0.42 mm	2.0%, maximum
Whole beads	95%, minimum
Uniformity co-efficient	1.5, maximum
Effective size	0.45 to 0.60 mm
Maximum operating temperature	120° C
Operating pH range	0 to 14
Resistance to reducing agents	Good
Resistance to oxidizing agents	Generally good, chlorine should be absent
*Weight of resin, as supplied, occupying 1 m ³ in a unit after backwashing and draining.	

Packing

HDPE Lined bags (Double Bag Packing)	: 25/50 lts
LDPE Valve Type bags / Nylong Vacuum Bags	: 1 cft/25 lts
HDPE carboy with liner bags	: 25/50 lts
HDPE drums with liner bags	: 180 lts

Safety

Acid and alkali solutions used for regeneration are corrosive and should be handled in a manner that will prevent eye and skin contact. If any oxidising agents are used, necessary safety precautions should be observed to avoid accidents and damage to the resin.

Storage

INDION 225 H(MB) resin beads must never be allowed to become dry. Therefore always store resin bags in the shade.

INDION range of Ion Exchange resins are produced in a state-of-the-art ISO 9001 and ISO 14001 certified manufacturing facilities at Ankleshwar, in the state of Gujarat in India.

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.

INDION® is the registered trademark of Ion Exchange (India) Ltd.



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 | www.ionresins.com

