

Properties of Aemion+™ Ionomers

FM-70XX-A

Product: AP2-HNN(3-8)-00-X – Aemion+™ Anion Exchange Ionomers

Form: Dry Resin

Product	IEC ¹	Conductivity	Water Uptake ³	Water Uptake ³
	Meq/g	mS/cm (Cl-/I-)	(Cl-/I-) wt%	(OH-) wt%
AP2-HNN8-00	1.8-2.2	8-11	12	20-35
AP2-HNN5-00 ³	1.3-1.7	2-4	5	10-15
AP2-HNN3-00	1.1-1.4	1.3-2.5	3	5-10

1 Based on theoretical IEC values

2 Approximate swelling properties when cast into membrane form at 25-50 μ m

3 Not a standard product – provided for reference information only

Note: These are prototype materials only intended to be used for early development activities and not intended for production items. Product information is to be used as a guide only, not as a design specification, and is subject to change at any time as part of ongoing product development. Ionomr makes no warranties, express or implied, and assumes no obligation or liability in connection with any use of this information or for results obtained in reliance thereon.

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Document ID: FM-70XX	Title: Properties of Aemion+™ Ionomers	
Revision: A	Prepared By: Shan Zhu	Effective Date:
	Approved By: Bob Gholamkass	

This document is reviewed to ensure its continuing relevance to the systems and process that it describes.

Revision History:

Revision	Date	Description of Changes	Approved By
A		Initial Draft	Bob Gholamkass