

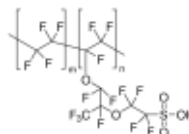
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Product Specification

Product Name:
Nafion™ perfluorinated membrane – thickness 0.002 in.

Product Number: **676470**
 CAS Number: 31175-20-9
 MDL: MFCD00132790
 Formula: (C₇H_F13O₅S.C₂F₄)_x



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Sheets
Iron (Fe)	≤ 50.0 ppm
Chromium (Cr)	≤ 50.0 ppm
Nickel (Ni)	≤ 50.0 ppm
Potassium (K)	≤ 100.0 ppm
Average Profile Thickness	47.8 - 53.8 micron
Individual Minimum Thickness	≥ 46.3 micron
Individual Maximum Thickness	≤ 58.8 micron
Membrane Basis Weight mg/dm ²	900.0 - 1100.0
Total Residual Solvent	≤ 0.30 % wt
Available Acid Capacity meq/g	≥ 0.92
Total Acid Capacity (meq/g)	0.95 - 1.03
Water content	2.0 - 8.0 %
Registered Trademark	Confirmed
Nafion(TM) is a trademark of The Chemours Company FC, LLC	

Specification: PRD.6.ZQ5.10000020924

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

