

Product Name: Nafion® NRE-212 membrane, 0.05mm thick, ≥0.92 meq/g exchange capacity
Catalog Number: 045036.RF

CAS Number: 31175-20-9
IUPAC Name: 1,1,2,2-tetrafluoro-2-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethyl)oxy]propan-2-yl}oxy)ethane-1-sulfonic acid; tetrafluoroethene
Molecular Formula: C₉H₉F₁₇O₅S
Molecular Weight: 544.13
InChI Key: FOYUGSIADQOEK-UHFFFAOYNA-N
SMILES: FC(F)=C(F)F.OS(=O)(=O)C(F)(F)C(F)(F)OC(F)(C(F)(F)F)C(F)(F)OC(F)=C(F)F
Synonym: 1,1,2,2-tetrafluoro-2-({1,1,1,2,3,3-hexafluoro-3-[(1,2,2-trifluoroethyl)oxy]propan-2-yl}oxy)ethanesulfonic acid; tetrafluoroethylene

Product Specification

Form: Solid membrane (Nafion®) NRE-212, 0.05mm thick
Assay from Supplier's CoFA: ≥0.92 meq/g exchange capacity.

Date Of Print: 07/16/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.