

Saint-Gobain Performance Plastics
Sani-Pro-K Kynar®, Chemical Resistance and Purity Testing
Table XII

DI Water Extractions
All results from independent laboratory tests.

Levels of Metallic Ions – Kynar® Flex 2800, 24 hours/80 °C

Element	Amount Detected (parts per billion)	Element	Amount Detected (parts per billion)
Aluminum	< 0.10 ppb	Mercury	< 0.01 ppb
Antimony	< 0.08 ppb	Molybdenum	< 0.02 ppb
Arsenic	< 0.03 ppb	Neodymium	< 0.09 ppb
Barium	< 0.08 ppb	Nickel	< 0.08 ppb
Beryllium	< 0.06 ppb	Niobium	< 0.03 ppb
Bismuth	< 0.15 ppb	Palladium	< 0.10 ppb
Boron	< 0.20 ppb	Platinum	< 0.13 ppb
Cadmium	< 0.08 ppb	Praseodymium	< 0.10 ppb
Cerium	< 0.04 ppb	Rhenium	< 0.10 ppb
Cesium	< 0.08 ppb	Rhodium	< 0.10 ppb
Chromium	< 0.26 ppb	Rubidium	< 0.01 ppb
Cobalt	< 0.10 ppb	Ruthenium	< 0.12 ppb
Copper	< 0.08 ppb	Samarium	< 0.06 ppb
Dysprosium	< 0.01 ppb	Silver	< 0.03 ppb
Erbium	< 0.05 ppb	Strontium	< 0.10 ppb
Europium	< 0.03 ppb	Tantalum	< 0.08 ppb
Gadolinium	< 0.05 ppb	Tellurium	< 0.25 ppb
Gallium	< 0.40 ppb	Terbium	< 0.10 ppb
Germanium	< 0.03 ppb	Thallium	< 0.08 ppb
Gold	< 0.03 ppb	Thorium	< 0.03 ppb
Hafnium	< 0.10 ppb	Thulium	< 0.04 ppb
Holmium	< 0.10 ppb	Tin	< 0.25 ppb
Indium	< 0.07 ppb	Titanium	< 0.10 ppb
Iridium	< 0.02 ppb	Tungsten	< 0.02 ppb
Lanthanum	< 0.05 ppb	Uranium	< 0.03 ppb
Lead	< 0.07 ppb	Vanadium	< 0.11 ppb
Lithium	< 0.30 ppb	Ytterbium	< 0.04 ppb
Lutetium	< 0.05 ppb	Yttrium	< 0.03 ppb
Magnesium	< 0.07 ppb	Zinc	< 0.05 ppb
Manganese	< 0.06 ppb	Zirconium	< 0.11 ppb

Table XII: Method – ICP Mass Spectroscopy