

WET CLEANING + BCD (BULK CHEMICAL DELIVERY)

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Applied Seals compounds for wet cleaning are highly engineered for static, dynamic and bonded applications requiring minimal metallic ion contamination. Our ultra-pure non-filled specialty material shows outstanding performance in static wet applications.

APPLIED SEALS PERFREZ® 6011 EXTRACTABLES IN PIRANHA

Our 6011 compound is a physically strong and robust, multi-purpose wet compound that can be used in all wet chemistries including wet cleaning and BCD.

Leachable TM by ICP-MS for 35 Elements in Piranha (ppb)

Parameter	RL	Units	PERFREZ® 6011C
Aluminum (Al)	0.1	ppb (ng/g)	*
Antimony (Sb)	0.1	ppb (ng/g)	*
Arsenic (As)	0.1	ppb (ng/g)	*
Barium (Ba)	0.1	ppb (ng/g)	0.2
Beryllium (Be)	0.1	ppb (ng/g)	*
Bismuth (Bi)	0.5	ppb (ng/g)	*
Boron (B)	0.5	ppb (ng/g)	5.0
Cadmium (Cd)	0.1	ppb (ng/g)	*
Calcium (Ca)	0.5	ppb (ng/g)	*
Chromium (Cr)	0.1	ppb (ng/g)	*
Cobalt (Co)	0.1	ppb (ng/g)	*
Copper (Cu)	0.1	ppb (ng/g)	*
Gallium (Ga)	0.1	ppb (ng/g)	*
Germanium (Ge)	0.1	ppb(ng/g)	*
Gold (Au)	0.5	ppb (ng/g)	*
Iron (Fe)	0.5	ppb (ng/g)	13
Lead (Pb)	0.1	ppb (ng/g)	*
Lithium (Li)	0.1	ppb (ng/g)	*
Magnesium (Mg)	0.1	ppb (ng/g)	*
Manganese (Mn)	0.1	ppb (ng/g)	*
Molybdenum (Mo)	0.1	ppb (ng/g)	*
Nickel (Ni)	0.1	ppb (ng/g)	*
Niobium (Nb)	0.5	ppb (ng/g)	*
Potassium (K)	0.5	ppb (ng/g)	*
Rubidium (Rb)	0.1	ppb (ng/g)	*
Silver (Ag)	0.5	ppb (ng/g)	*
Sodium (Na)	0.1	ppb (ng/g)	*
Strontium (Sr)	0.1	ppb (ng/g)	*
Tantalum (Ta)	0.5	ppb (ng/g)	*
Thallium (Tl)	0.5	ppb (ng/g)	*
Tin (Sn)	0.5	ppb (ng/g)	*
Titanium (Ti)	0.5	ppb (ng/g)	*
Vanadium (V)	0.1	ppb (ng/g)	*
Zinc (Zn)	0.5	ppb (ng/g)	100
Zirconium (Zr)	0.1	ppb (ng/g)	1.7

APPLIED SEALS PERFREZ® 6040 ELEMENTAL ANALYSIS COMPARISON

Our 6040 specialty compound is engineered for ultra high purity. This non-filled material has extremely low metallic content and is uniquely engineered to perform in both dry and wet environments.

TM by ACP-MS for 30 Elements

Parameter (units: ppb)	Perfrez 6040E Specialty Compound Dry/Wet
Aluminum (Al)	100
Barium (Ba)	10
Beryllium (Be)	-
Bismuth (Bi)	-
Cadmium (Cd)	12
Calcium (Ca)	2500
Cesium (Cs)	-
Chromium (Cr)	100
Cobalt (Co)	10
Copper (Cu)	100
Gallium (Ga)	-
Indium (In)	-
Iron (Fe)	600
Lead (Pb)	50
Lithium (Li)	10
Magnesium (Mg)	200
Manganese (Mn)	50
Molybdenum (Mo)	10
Nickel (Ni)	100
Potassium (K)	100
Rubidium (Rb)	-
Silver (Ag)	-
Sodium (Na)	500
Strontium (Sr)	-
Thorium (Th)	-
Tin (Sn)	-
Titanium (Ti)	10
Vanadium (V)	-
Zinc (Zn)	10
Zirconium (Zr)	-