



## Typical Metal Impurities Halogen Purified Insulation and C/C Composites

Element		Concentration (ppm wt)
Boron	B	0.10
Carbon	C	Matrix
Sodium	Na	0.50
Magnesium	Mg	< 0.10
Aluminum	Al	0.15
Silicon	Si	5.00
Potassium	K	< 0.10
Calcium	Ca	0.57
Titanium	Ti	0.16
Vanadium	V	0.07
Chromium	Cr	< 0.50
Manganese	Mn	0.09
Iron	Fe	0.50
Nickel	Ni	0.13
Copper	Cu	< 0.10
Total Elemental Impurities		< 20

Remarks:

- 1) Elemental concentrations determined through GDMS (Glow Discharge Mass Spectrometry) analysis.
- 2) Purity levels applicable for all grades which include an "HP" designation.  
(Example: CCP-130HP-12)