



Be Window Specification Comparison

	IF-1	PF-60	PS-200
Be	99.8%	99.0%	98.5%
BeO	300 ppm	8,000 ppm	15,000 ppm
Fe	300 ppm	700 ppm	1,300 ppm
Al	100 ppm	500 ppm	1,000 ppm
Mg	60 ppm	500 ppm	800 ppm
Si	100 ppm	400 ppm	600 ppm
C	300 ppm	700 ppm	1,500 ppm
Cr	25 ppm	100 ppm	†
Co	5 ppm	10 ppm	†
Cu	50 ppm	100 ppm	†
Pb	5 ppm	20 ppm	†
Mn	30 ppm	120 ppm	†
Mo	10 ppm	20 ppm	†
Ni	200 ppm	200 ppm	†
Ca	200 ppm	100 ppm	†
Zn	100 ppm	--	†
Ag	5 ppm	10 ppm	†
Ti	10 ppm	--	†
B	--	3 ppm	†
Cd	--	2 ppm	†
Li	--	3 ppm	†
U	*<2 ppm	*25-140 ppm	†
Th	*<3 ppm	*<2 ppm	†

* Not specified—value determined by lot test.

† Other metallic impurities comprise less than 400 ppm each as determined by normal spectrographic methods.

HEALTH AND SAFETY

Handling beryllium in solid form poses no special health risk. Like many industrial materials, beryllium-containing materials may pose a health risk if recommended safe handling practices are not followed. Inhalation of airborne beryllium may cause a serious lung disorder in susceptible individuals. The Occupational Safety and Health Administration (OSHA) has set mandatory limits on occupational respiratory exposures. Read and follow the guidance in the Material Safety Data Sheet (MSDS) before working with this material. For additional information on safe handling practices or technical data on beryllium contact Brush Wellman Inc. - Electrofusion Products.

Brush Wellman Inc. Electrofusion Products

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