

Appendix A

From: Gordon_Simmons@brushwellman.com
Subject: PF-60 Tensile Data
Date: May 24, 2004 6:03:23 PM CDT
To: misek@fnal.gov
Cc: Jose_Villanueva@brushwellman.com

Joel,

As we discussed on the telephone earlier, PF-60 material is characterized for chemical, but not mechanical properties. If you need to have beryllium sheet material which is characterized for mechanical properties, SR-200 is the only choice that we offer. However, SR-200 beryllium sheet material is not produced in thicknesses below 0.020".

We have performed a few mechanical tests on 0.010" thick PF-60 material. The results of that testing indicated an ultimate tensile strength of approximately 65 ksi. Please note this testing was performed on only a few pieces of 0.010" thick material and the results may not be representative of all PF-60 beryllium foil.

Feel free to contact me if you have additional questions concerning our products.

Best regards,
Gordon

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