

## **PAB Materials Test System**

<b>Date of Receipt</b>	10/15/10 , logbook entry # 1396
<b>Sample Name/Description</b>	PrM feedthrough
<b>Sample</b>	
<b>Composition:</b>	stainless steel, ceramic, G10, Masterbond epoxy
<b>Picture Location:</b>	data base
<b>Weight:</b>	380 g
<b>Dimensions/Area:</b>	2.75 inches dia, 5 inches total length
<b>Source:</b>	Walter Jaskierny
<b>Preparation:</b>	baked in 160 F oven for 8 h
<b>Submerging in LAr or LH2</b>	no
<b>Time in the airlock(hrs)</b>	
<b>Purge:</b>	24 h purged from the bottle and 1 h from Luke
<b>Vacuum:</b>	
<b>Room Temperature</b>	
<b>Start Time/Date, End Time/Date :</b>	10/5/10 12:50 pm, 10/6/10 2 pm
<b>PrM run # :</b>	10011
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	increased to 75 ppb in 2 h, stabilized in 30-40 ppb range
<b>Lifetime:</b>	2-3 ms
<b>Vapor Test</b>	
<b>Start Time/Date, End Time/Date :</b>	10/6/10 2 pm, 10/7/10 9:30 am
<b>PrM run # :</b>	10038
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	increased from 40 to 60 ppb in 10 min, then stabilized below 20 ppb
<b>Temperature:</b>	185 K
<b>Lifetime:</b>	1.7-2 ms
<b>Results/comments</b>	