

PAB Materials Test System

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