

## **PAB Materials Test System**

<b>Date of Receipt</b>	6/11/2010, logbook entry # 1290
<b>Sample Name/Description</b>	Jonghee Board connectors 2 metal and 1 plastic connector
<b>Sample</b>	
<b>Composition:</b>	
<b>Picture Location:</b>	Data Base
<b>Weight:</b>	7.3 g total, metal 3.4 g each, plastic 0.5 g
<b>Dimensions/Area:</b>	approx. 15 mm long by 7 mm wide
<b>Source:</b>	Jonghee Yoo
<b>Preparation:</b>	cleaned with alcohol
<b>Submerging in LAr or LH2</b>	no
<b>Time in the airlock(hrs)</b>	20 h
<b>Purge:</b>	16 h from bottle, 15 min from Luke
<b>Vacuum:</b>	2 h before purge and 1.5 h after purge
<b>Room Temperature</b>	
<b>Start Time/Date, End Time/Date :</b>	6/4/10 11:10 am, 6/7/10 9:30 am
<b>PrM run # :</b>	8857
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	0.3-0.5 ppb increase
<b>H2O reading:</b>	50 ppb in first 4 h, stabilized in 25-35 ppb range
<b>Lifetime:</b>	2-3 ms
<b>Liquid Test</b>	no
<b>Vapor Test</b>	before test sample was evacuated few min and purged from Luke for 1.5 h
<b>Start Time/Date, End Time/Date :</b>	6/8/2010 at 3:26 PM to 6/9/2010 at 1:35 PM
<b>PrM run # :</b>	#8909
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	no change
<b>H2O reading:</b>	increased to 20-24 ppb in 6 hrs
<b>Temperature:</b>	160 K
<b>Lifetime:</b>	4-10 ms
<b>Results/comments</b>	