

<b>PAB Materials Test System</b>	
<b>Date of Receipt</b>	12/21/10 , logbook entry # 1451
<b>Sample Name/Description</b>	Baked FR4 , 4 plates
<b>Sample</b>	
<b>Composition:</b>	FR4 - glass reinforced epoxy laminate(woven fiberglass cloth with an epoxy resin)
<b>Picture Location:</b>	data base
<b>Weight:</b>	54 g
<b>Dimensions/Area:</b>	4 pieces 104 x 130 mm, total area: 0.11 m2
<b>Source:</b>	Stephen Pordes
<b>Preparation:</b>	cleaned - wiped, baked in 50C vacuum oven for 1 week + 1 day
<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>	12/14/10 3:33 pm, 12/15/10 3 pm
<b>PrM run # :</b>	10779
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	jumped by 0.4 ppb, then dropped to 0.2 ppb
<b>H2O reading:</b>	65 ppb in first 3 h, then dropped to 20-30 ppb
<b>Lifetime:</b>	7-10 ms
<b>Liquid Test</b>	
<b>Start Time/Date, End Time/Date :</b>	12/16/10 8:30 am, 12/17/10 3:40 pm
<b>PrM run # :</b>	10801
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	jumped by 0.9 ppb, then dropped to 0.2-0.3 ppb
<b>H2O reading:</b>	80 ppb in 2 h, then dropped to 20-30 ppb
<b>Temperature:</b>	95 K
<b>Lifetime:</b>	6-9 ms
<b>Liquid level</b>	24 inches
<b>Vapor Test</b>	
<b>Start Time/Date, End Time/Date :</b>	12/17/10 3:40 pm, 12/20/10 3:45 pm
<b>PrM run # :</b>	10833
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	increased by 0.2 ppb
<b>H2O reading:</b>	15 ppb
<b>Temperature:</b>	204-210 K
<b>Lifetime:</b>	5-6 ms
<b>Liquid level</b>	23.7-22 inches
<b>Results/comments</b>	