

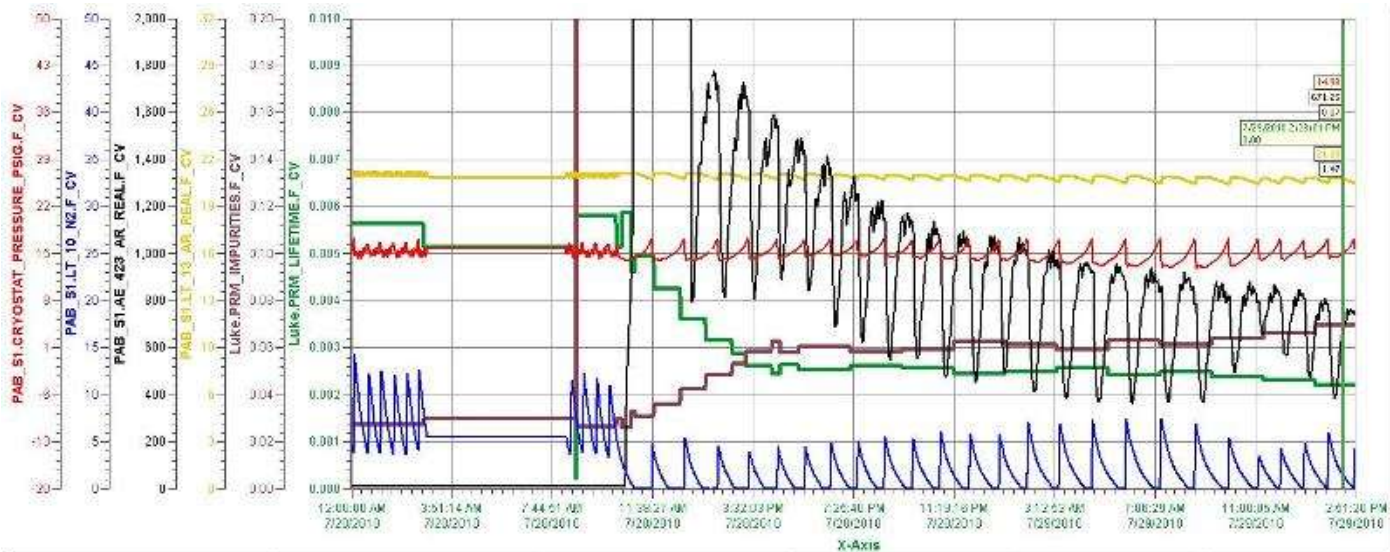
<i>PAB Materials Test System</i>	
Date of Receipt	7/30/2010, logbook entry 1334
Sample Name/Description	PVC cable, 34 conductors 3M 3365/34, flat ribbon 136 exposed ends
Sample	
Composition:	Polyvinyl chloride
Picture Location:	Data Base
Weight:	one 387 g, one 385 g, total 772 g
Dimensions/Area:	2 flat cables 6.1 m long each, width 43 mm
Source:	Walter Jaskierny
Preparation:	Cleaned with alcohol
Submerging in LAr or LH2	x
Zero Test	x
Time in the airlock(hrs)	
Purge:	overnight from the bottle and 1 h from Luke
Vacuum:	
Room Temperature	
Start Time/Date, End Time/Date :	7/28/2010 10:30 AM to 7/30/2010 9 AM
PrM run # :	9448
Condenser state:	on
Filter state:	off
O2 reading:	
H2O reading:	first increased to 2000 ppb, after 28 h in 500-800 range
Temperature:	room
Lifetime:	2 - 2.5 ms
Results & Comments	on 7/15/10 after week of purging from the bottle when the gate v. was open water level increased to 300-400 ppb , Lt was 1.5 ms.

PVC Cable

3M #3365/34

2 x 20 FT / 136 exposed ends





Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM.LIFETIME.F.CY	Luke.PRM.LIFETIME.F.CY	0.00218	sec	0.00583	0.00018
Luke.PRM.IMPURITIES.F.CY	Luke.PRM.IMPURITIES.F.CY	0.0889	hrps	0.9220	0.0257
PAB.S1.LT.13.AR.REAL.F.CY	Luke Aspen Level T1399	21.1	inches	21.6	20.7
PAB.S1.AE.423.AR.REAL.F.CY	HALO H2O meter F.CY	671.3	gpb	5,000.0	3.4
PAB.S1.LT.10.N2.F.CY	Luka Condenser LN2 Level Probe F.CY	1.5	inches	14.3	-0.0
PAB.S1.CRYOSTAT.PRESSURE.PSI	Luka Vapor Pressure	18.0	psig	17.3	17.8

7/29/2010 12:00:00 AM Mark of Security 2/9/2010 2:01:20 PM