

PAB Materials Test System	
Date of Receipt	7/1/2013, logbook entry #3839
Sample Name/Description	Acrylic coated with Bis-MSB
Sample	
Composition:	acrylic coated with Bis-MSB
Picture Location:	data base
Density:	x
Weight:	12.8 g
Dimensions/Area:	7.5 cm x 2.5 cm x 0.5cm
Source:	Russ Rucinski
Preparation:	used pressured air, handled with gloves
Time in the airlock(hrs)	
Purge:	20 hrs from bottle, 3 hrs from Luke
Vacuum:	x
Liquid Test	
Start Time/Date, End Time/Date :	6/11/2013 5:30 pm, 6/13/2013 3pm
PrM run # :	17793
Condenser state:	on
Filter state:	off
O2 reading:	x
H2O reading:	stabilized in 6-8 ppb range
Temperature:	95 K
Lifetime:	slowly decreased to 4-5 ms
Liquid level :	started at 25.2 inches ended at 24.6 inches
Vapor Test	
Start Time/Date, End Time/Date :	6/14/13 3 pm, 6/17/13 10 am
PrM run # :	17840
Condenser state:	on
Filter state:	off
O2 reading:	x
H2O reading:	increased to 20-25 ppb
Temperature:	212 -215 K
Lifetime:	decreased to a minimum of 2.5 ms.
Liquid level :	started at 24.5 inches ended at 23.6 inches
Room Temperature Test	
Start Time/Date, End Time/Date :	6/17/13 11:30 am, 6/21/13 8:30 am
PrM run # :	17923
Condenser state:	on
Filter state/settings:	off
O2 reading:	x
H2O reading:	increased from 5 to 190 ppb in 2 hours, then dropped to stay in 40-60 ppb range.
Lifetime:	dropped from 7 ms to 3 ms in first 8 hours, slowly stabilized 1.4-1.6 ms range.
Liquid level :	started at 23.4 inches ended at 22.5 inches
Zero Test (room temperature)	
	6/25/2013
H2O reading:	increased from 5 to 120 ppb in 2 hours, then dropped to stay in 20-40 ppb
Lifetime:	dropped fast to 3 ms, then stabilized in 2-2.5 ms range.