

PAB Materials Test System

Date of Receipt	8/3/2015 eLog entry # 5110
Sample Name/Description	Norplex Micarta NP315 black cotton/phenolic composite material
Sample	
Composition:	Canvas phenolic laminate with graphite added as a solid lubricant.
Picture Location:	data base
Weight:	35.1 g
Dimensions/Area:	153 mm x 100 mm x 1 mm
Source:	Bo Yu, BNL
Preparation:	cleaned with alcohol
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Purge:	27 hours
Vacuum:	X
Liquid Test	
Start Time/Date, End Time/Date :	7/21/2015 3:52:00 am; 7/24/2015 1:25 pm
PrM run # :	24885
Condenser state:	on
Filter state:	off
H2O reading:	first increased to >200 ppb , than dropped and stabilized below 10 ppb
Liquid level:	21 inches
Temperature:	95 K
Lifetime:	dropped from 8 ms to <2 ms, than stabilized around 5 ms
Zero Test	
Start Time/Date, End Time/Date :	6/10/2015, 6/18/2015
PrM run # :	24444
Condenser state:	on
Filter state/settings:	off
H2O reading:	increased to 6 ppb
Temperature:	95 K
Lifetime:	slowly decreased, stayed in 3-5 ms range for the last few days
Results/comments	