

PAB Materials Test System	
Date of Receipt	07/28/11 , logbook entry # 1836
Sample Name/Description	Pultruded fiberglass plate from LibertyPultrusion. (may serve as the support for LBNE TPC field cage)
Sample	
Composition:	pultruded fiberglass (type PolyGlas M)
Picture Location:	data base
Weight:	180 g
Dimensions/Area:	10 x23 cm, thickness 3 mm
Source:	Bo Yu
Preparation:	dry cleaned
Submerging in LAr or LH2	no
Time in the airlock(hrs)	
Purge:	24 h purged from the bottle and 2 h from Luke
Vacuum:	
Room Temperature	
Start Time/Date, End Time/Date :	7/1/11 12:40 pm, 7/5/11 9 am
PrM run # :	13207
Condenser state:	on
Filter state:	off
O2 reading:	x
H2O reading:	increased to >1000 ppb in few hours, then dropped, but after 3 days was still in 300-400 ppb range.
Lifetime:	dropped to <2 ms in 10 h, then stayed < 1 ms
Liquid Test	
Start Time/Date, End Time/Date :	7/7/11 8:45 am, 7/8/11 11 am
PrM run # :	13269
Condenser state:	on
Filter state/settings:	off
O2 reading:	x
H2O reading:	increased to 97 ppb then stayed in 50-70 ppb range
Temperature:	95 K
Lifetime:	6-10 ms
VaporTest	
Start Time/Date, End Time/Date :	7/8/11 11 am, 7/11/11 11 am
PrM run # :	13288
Condenser state:	on
Filter state/settings:	off
O2 reading:	x
H2O reading:	increased to 90 ppb then stayed in 50-70 ppb range
Temperature:	157-171 K
Lifetime:	3-8 ms
Results/comments	