

PAB Materials Test System	
Date of Receipt	5/2/11 , logbook entry # 1729
Sample Name/Description	fiberglass reinforced polyurethane foam (RPUF) insulation bonded with epoxy to plywood
Sample	
Composition:	polyurethane, glass, plywood
Density	120-130 kg/m ³ .
Picture Location:	data base
Weight:	110 g
Dimensions/Area:	16 cm x 8.5 cm x 3.5 cm
Source:	Russ Rucinski
Preparation:	Russ pumped on a piece of the foam in a bell jar, and pressure cycled it several times.
Time in the airlock(hrs)	27 h
Purge:	evacuated with rough pump for 26 h, purged from Luke for 1 hour
Vacuum:	
Room Temperature	
Start Time/Date, End Time/Date :	4/22/2011 12:20 pm, 4/22/2011 4:00 pm
PrM run # :	12427
Condenser state:	on
Filter state:	off
O2 reading:	increased by 800 ppb in 1.5 h, was 500 ppb after 3.5 h
H2O reading:	250 ppb
Lifetime:	from >10 ms to 0.2 ms in 3 h
Vapor Test	x
Start Time/Date, End Time/Date :	not performed.
Results/comments	electron lifetime deteriorated very fast.