

<b>PAB Materials Test System</b>	
<b>Date of Receipt</b>	3/13/2013 eLog entry # 3414
<b>Sample Name/Description</b>	Kemet capacitors PHE450 series, double metallized polypropylene film
<b>Sample</b>	
<b>Composition:</b>	capacitor is encapsulated in self-extinguishing resin in the box of material meeting the requirements of UL 97 V-0
<b>Picture Location:</b>	data base
<b>Weight:</b>	30.2 g ( 5 capacitors + stainless wire)
<b>Dimensions/Area:</b>	5 capacitors 26 x 18.5 x 9 mm
<b>Source:</b>	Thomas Strauss
<b>Preparation:</b>	cleaned with cloth
<b>Submerging in LAr or LH2</b>	x
<b>Time in the airlock(hrs)</b>	
<b>Purge:</b>	
<b>Vacuum:</b>	overnight with rough pump and 5 hours with Turbo pump
<b>Liquid Test</b>	
<b>Start Time/Date, End Time/Date :</b>	3/1/13 1:50 pm, 3/4/2013 1:30 pm
<b>PrM run # :</b>	16655 to 16690
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	first increased to 12 ppb then decreased and sabilized at 6 ppb
<b>Temperature:</b>	95 K
<b>Lifetime:</b>	slowly decreased from 7 ms to 4 ms
<b>Zero Test</b>	
<b>Start Time/Date, End Time/Date :</b>	3/6/13 to 3/12/2013
<b>PrM run # :</b>	16716
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	increased to 6 ppb
<b>Temperature:</b>	95 K
<b>Lifetime:</b>	slowly decreased from 9 ms to 4 ms
<b>Results/comments</b>	