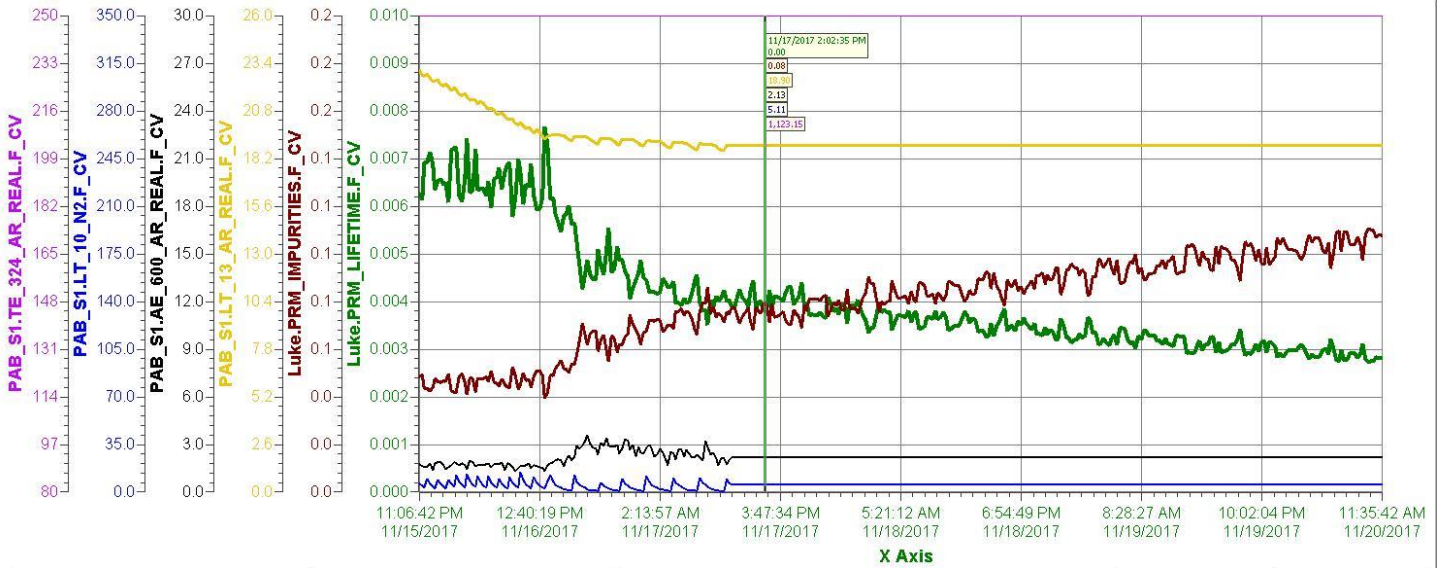


**Panduit Polyolefin Labels      11/15/2017 – 12/1/2017**

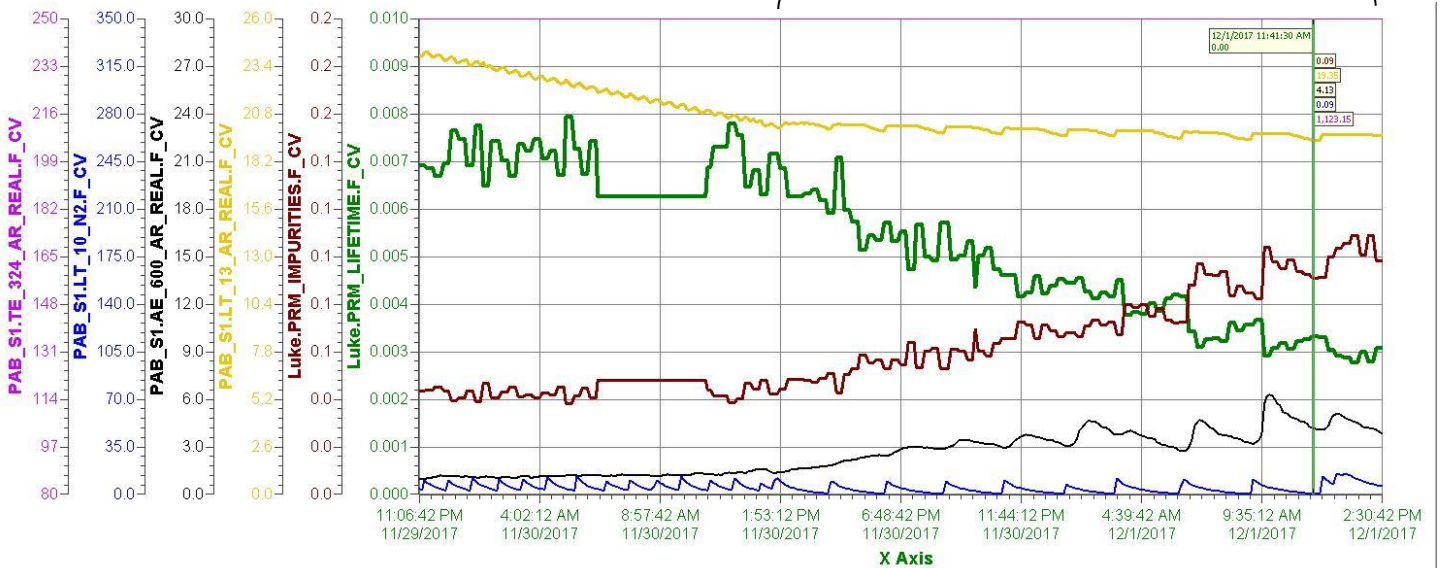
<b><i>PAB Materials Test System</i></b>	
<b>Date of Receipt</b>	29/11/17 , logbook entry # 6560 - 6598
<b>Sample Name/Description</b>	Panduit polyolefin heat shrink wire labels PSL012 (Panduit H100X025H1C)
<b>Sample</b>	
<b>Composition:</b>	x
<b>Picture Location:</b>	data base
<b>Weight:</b>	0.9 g
<b>Dimensions/Area:</b>	10 labels
<b>Source:</b>	Jonathan Heise
<b>Preparation:</b>	Recived Cleaned
<b>Submerging in LAr or LH2</b>	x
<b>Time in the airlock(hrs)</b>	
<b>Vacuum:</b>	10 mins
<b>Purge</b>	24 h
<b>VaporTest (After 24 hrs)</b>	
<b>Start Time/Date, End Time/Date :</b>	1:48 pm 11/16/2017, 1:30 pm 11/17/2017
<b>PrM run # :</b>	
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	1.6 - 4 ppb
<b>Temperature:</b>	219 K
<b>Liquid Level</b>	18.6 inches
<b>Lifetime:</b>	4.0 ms
<b>VaporTest (After 4 days)</b>	
<b>Start Time/Date, End Time/Date :</b>	1:48 pm 11/16/2017, 2:30 pm 11/20/2017
<b>PrM run # :</b>	
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	3.9 ppb
<b>Temperature:</b>	221 K
<b>Liquid Level</b>	17.1 inches
<b>Lifetime:</b>	3 ms
<b>VaporTest 2 (After 24 hrs)</b>	
<b>Start Time/Date, End Time/Date :</b>	1:55 pm 11/30/2017, 2:30 pm 12/1/2017
<b>PrM run # :</b>	
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	3-5 ppb
<b>Temperature:</b>	214 K
<b>Liquid Level</b>	20.4 inches
<b>Lifetime:</b>	3.5 ms



## Vapor Temperature Test #1



## Vapor Temperature Test #2



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen