

PCM BLT Trend with Pressure Test

Feb.2018

Honeywell

Test Procedure

#1



Select two pieces of Copper plates with known thickness. Standard PCM material (12x12mm, 0.25mm thickness) was pasted on one plate and covered with the other plate.

#2



Place the unit in a fixture and covered

#3



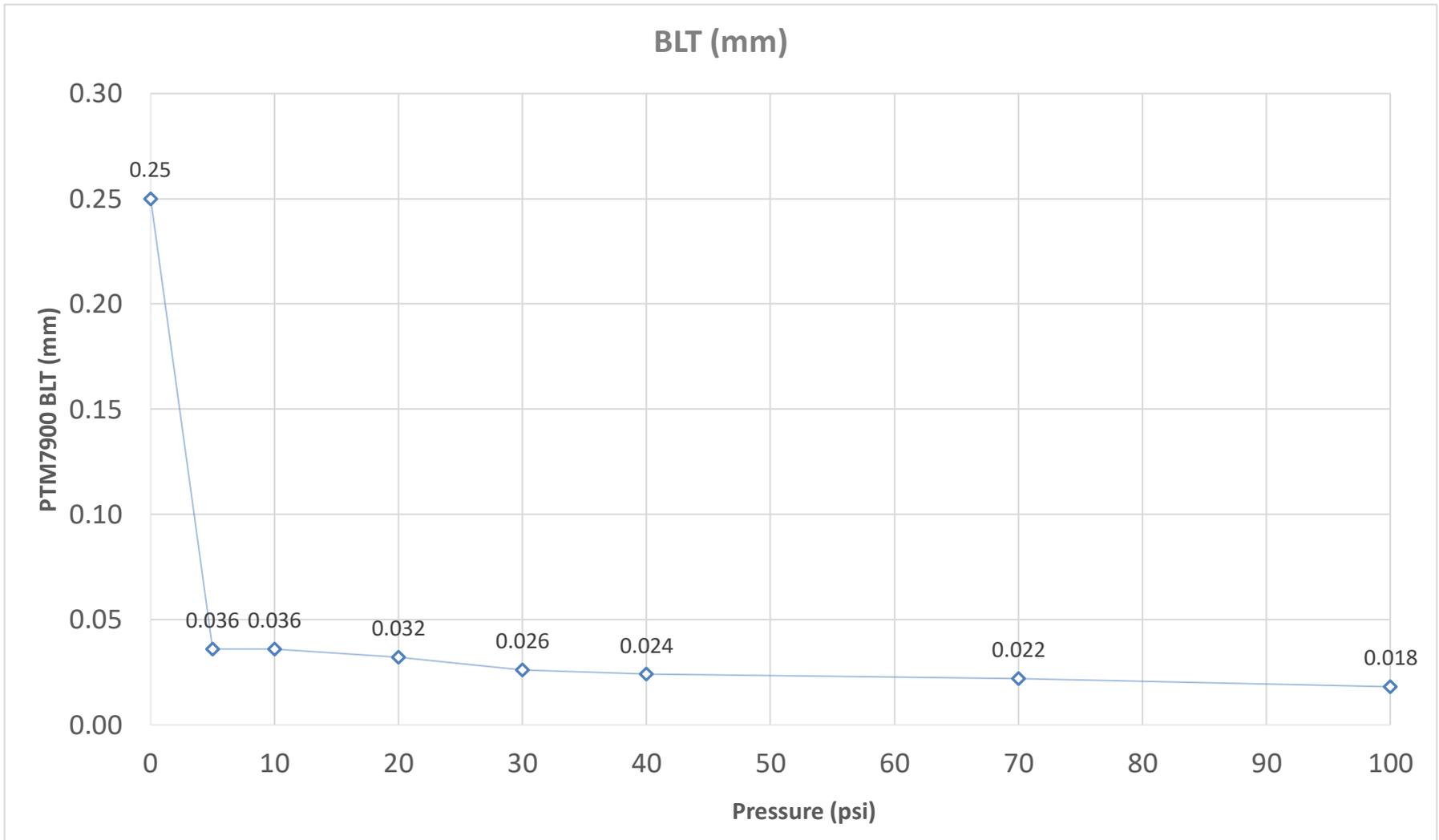
Put the fixture in 80'C oven and load 1~100PSI pressure on the fixture for 30mins

#4



Measure the total thickness of the sandwich sample, and get the BLT data after calculation

BLT Vs. Pressure Curve – PTM7900



BLT of PTM7900 will be stable when the pressure reaches higher than 40psi