

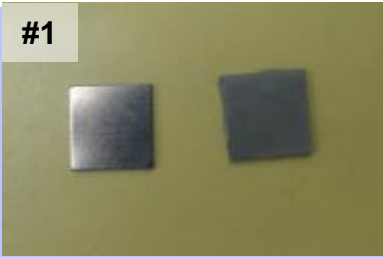
PCM BLT Trend with Pressure Test

Feb.2018

Honeywell

Test Procedure

#1



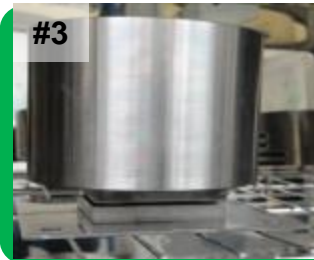
Select two pieces of Copper plates with known thickness. Standard PCM material (12x12mm, 0.25mm thickness) was pasted on one plate and covered with the other plate.

#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

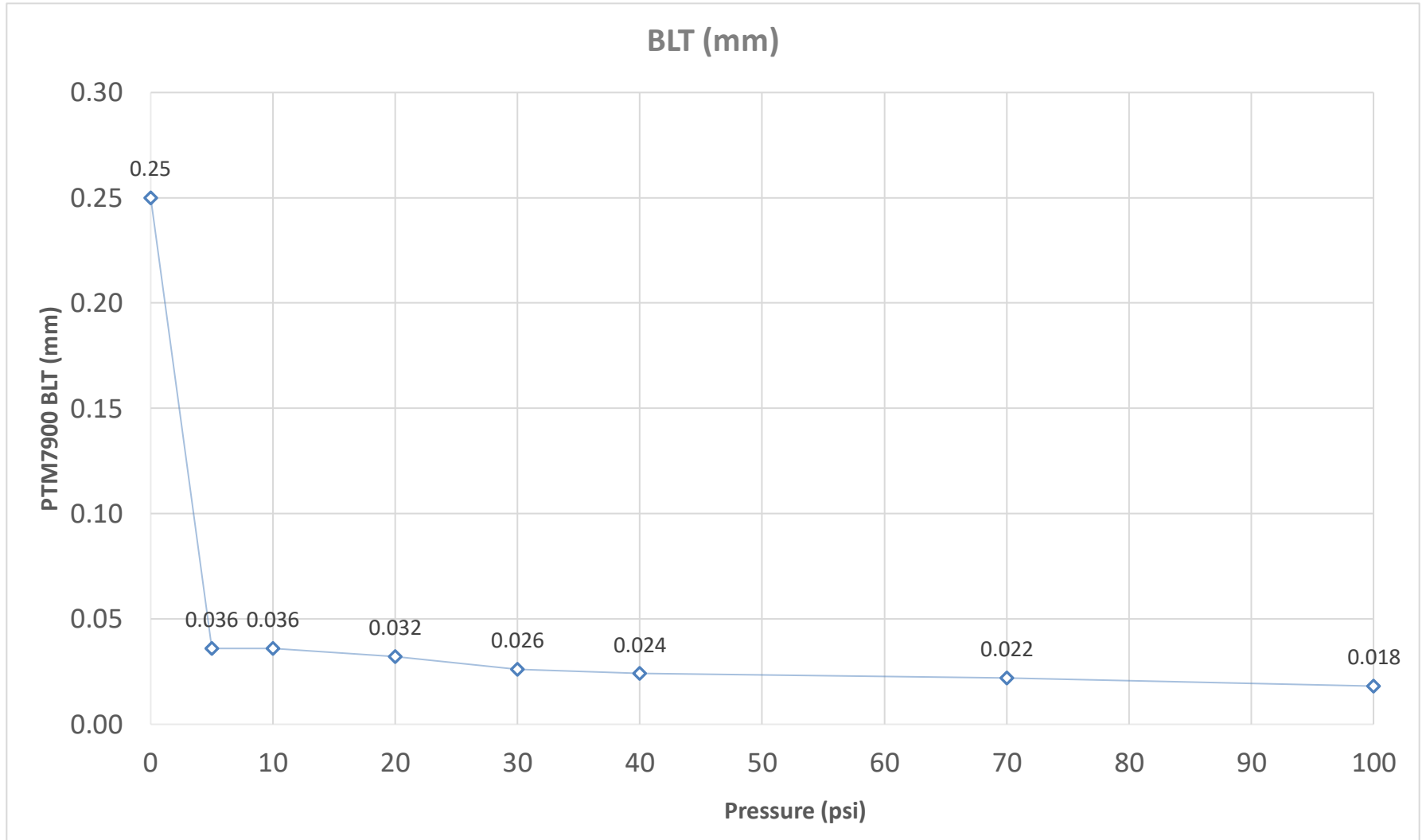
#4



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

BLT Vs. Pressure Curve – PTM7900

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