Compression Testing

This was done using the JJ Lloyd LRX102175 Universal Testing Machine, Calibration Certificate No. 20090472 under the control of “Nexxygen” software.

The specimens were compressed to a limit of 20mm deflection on a single bristle and the full brush face. This was done due to initial tests showing the specimen bristles passing 45° at this deflection. All bristles were loaded at approximately 25% of the bristle.

The chart below displays an attempt to cause failure in the brish using 70% of the bristle to load and deflecting to a maximum 30mm.