

# SSG4600 Material Properties Development

Values to expect when testing SSG4600 in QC program\_NY17-10112

As part of a quality control program, Momentive recommends that routine testing of 2-part structural silicones be performed using *Tensile Adhesion* specimens (Figure 1). The below graph shows the range of values (at break) to expect when testing specimens after 48 hours of cure (72 and 168 hours are also shown for reference).

**Note:** If the specimens are left to cure with the non-adherent spacers in position you will get a lower result than if the spacers had been removed a few hours after filling of the specimen (one can typically remove the spacer after 5 to 6 hours of curing). Temperature, humidity and mix ratio also play into this range.



- Option1:** Assemble -----> cure leaving spacer intact -----> test at 48 hours
- Option2:** Assemble -----> remove spacers after 4-6 hours -> test at 48 hours

Figure 1 – TA Specimen

