



MEMORANDUM

Date: 11/6/2020
To: NCAMP Data Users
From: Royal Lovingfoss, Director-NCAMP
Re: Tenax®-E TPWF/TPCL PEEK-HTA40 E13 3K 5HS Material Property Qualification Program

During the material qualification process, it was found that there is a measurable difference in multiple material property values between the two consolidation processes that were used to generate panels for the qualification test program. A static press, labeled as “Press #1” (Consolidation Cycle M1) and a multi-step press, labeled as “Press #3” (Consolidation Cycle M2) were used, both delivering one-half of the required data.

Due to this fact, the qualification program will fall under conditional approval until replacement data is generated and analyzed with the overall objective being to replace the “Press #1” generated data with new test data from “Press #3”. The original “Press #1” data will be reported for informational purposes only.

Currently the material property data report (CAM-RP-2019-007), the material allowable statistical analysis report (NCP-RP-2019-004), and the material specification slash sheet (NMS 401/3), use the data generated from the two different consolidation cycles (“Press #1” and “Press #3”) in a combined manner to generate the B-basis and the material specification limits.

Once the replacement data from “Press #3” is generated, it will replace the original data from “Press #1” and data analysis will derive new B-basis and material specification limits. This will immediately be followed by a revision of the documents shown below. The documents shown below will stay in “Draft” format until the new data is generated and appropriate data analysis is completed.

NCP-RP-2019-004 (Material Allowable Statistical Analysis Report)

CAM-RP-2019-007 (Material Property Data Report)

NMS 401/3 (NCAMP Material Specification 401 slash 3)

*Please be cautious when using these draft documents as the requirements could change once the new data is derived and analyzed.