

ANSYS Class3 Error Report**ERROR NO:**

2013-03

Keywords:

TB, EXPE TBPT TB, PRONY ANTYPE, HARMIC

Description of Error:

When used to define the experimental data for the harmonic viscoelastic model (TB,PRONY with ANTYPE,HARMIC), the TB,EXPE table does not read the $\tan(\delta)$ values in position 4 if the loss modulus (e.g., G'') in position 3 is left blank on the TBPT command. The material behavior is then defined only by the storage modulus (e.g., G') in position 2 and does not include the imaginary response due to the $\tan(\delta)$ value. This is inconsistent with the documentation which says the $\tan(\delta)$ value is used if the loss modulus value is either 0 or blank.

Typical GUI Path(s):**Other Comments:****First Incorrect Version:**

Release 13.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

To define the value of $\tan(\delta)$ in the TB,EXPE table, enter a value of 0 for the loss modulus on the TBPT command.

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