

ANSYS - 3D Curved Beam step 3

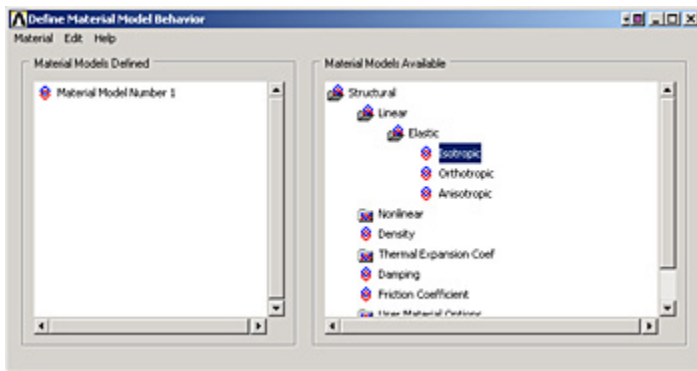
Problem Specification

1. Start-up and preliminary set-up
2. Specify element type and constants
3. **Specify material properties**
4. Specify geometry
5. Mesh geometry
6. Specify boundary conditions
7. Solve!
8. Postprocess the results
9. Validate the results

Step 3: Specify material properties

Main Menu > Preprocessor > Material Props > Material Models

In the *Define Material Model Behavior* menu, double-click on *Structural*, *Linear*, *Elastic*, and *Isotropic*.



Enter 200e9 for Young's modulus **EX**, 0.3 for Poisson's Ratio **PRXY**.

Click **OK**. Close the *Define Material Model Behavior* menu.

Save Your Work

Toolbar > SAVE_DB

[Go to Step 4: Specify geometry](#)

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