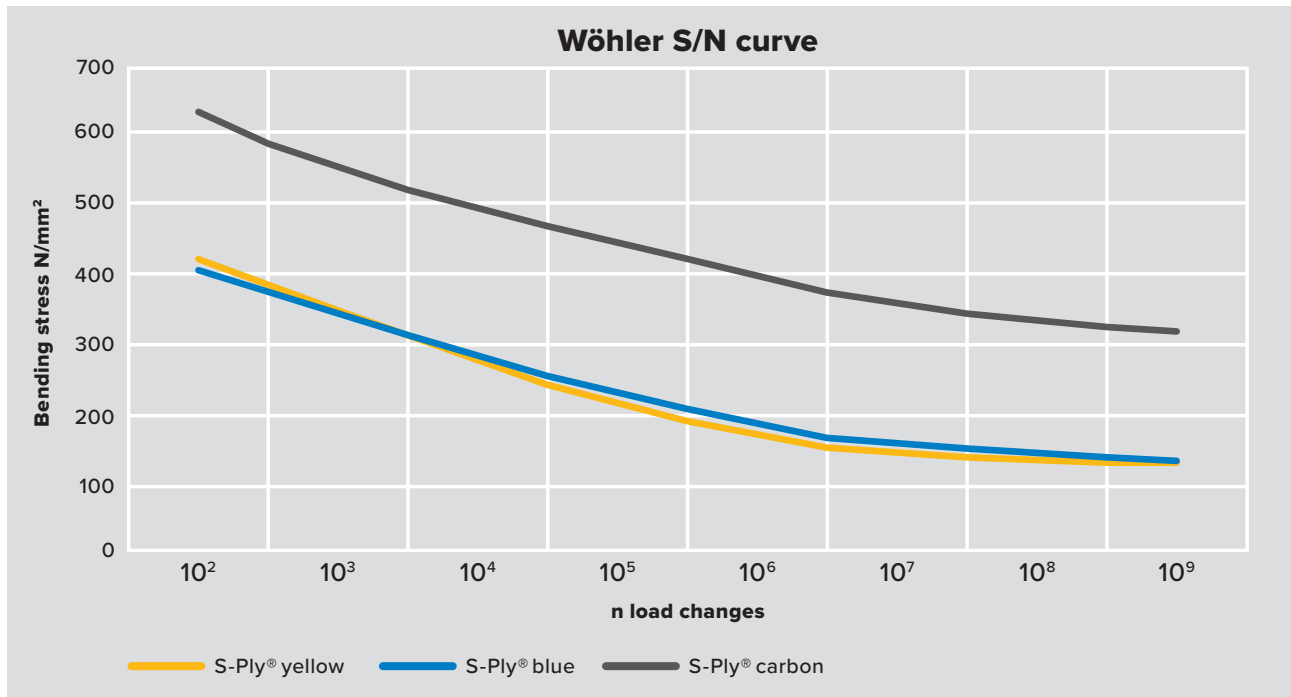


Fatigue strength

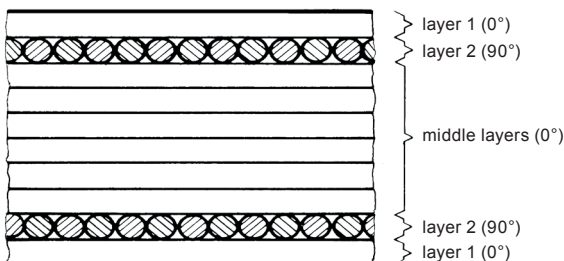
Valid for the following products:

S-Ply® yellow / S-Ply® blue / S-Ply® carbon



- All long-term tests were carried out at IMA materials research and application technology test centre in Dresden.
- Test specimens were tested as a standard spring configuration according to the sketch below:

Spring configuration



- The Wöhler S/N curves continued to trend without failure after 10⁶ load changes.
- The recommended maximum bending stress for the individual spring materials applies as follows:

S-Ply® yellow = 138 N/mm²

S-Ply® blue = 138 N/mm²

S-Ply® carbon = 315 N/mm²