

**Technical Definition**Fiber Content Evaluation test
Carbon Fiber Composite***Instructions to participant laboratories***

Please read carefully these instructions **BEFORE** starting the tests.

1. Five blanks (20 x 10 x 2 mm) are supplied to each participant – 5 samples have to be tested. In case of exclusion of a test specimen results by yourself, you shall provide a short root cause analysis.
2. Each participant is required to determine the following parameters:
 - Void volume fraction
 - Fiber volume fractionon the cured specimens in accordance with the requirements of the EN 2564 (98) . Tests shall be performed by the same operator on the same equipment.
3. All tests are to be performed following the method B of the EN 2564 (98).
Material information
 - Resin density 1.31g/cm³
 - Fibre density 1.77g/cm³
4. The following information need to be reported:
 - Specimen dimensions (mm)
5. Results are to be reported as follows:
 - Void volume percent (%)
 - Fiber volume percent (%)

A standard complete test report shall be stored by the participant. In case of suspicious results, it will be asked for investigation by the sponsors.

6. Testing shall start as soon as test specimens are received. All participant laboratories must supply results by September 2nd, 2016.
7. Instructions for submission of results are detailed on the website:

<https://ptpscheme.com/>

8. To ensure confidential treatment of results in the final report, each participant lab will be provided with a unique identity number at the moment of his registration to the program.
9. The sponsors could ask you proofs of your records and analyses, so be sure to conserve data, curves and specimens.