

## **Technical Definition**

Open Hole Compression Carbon Fiber Composite

You shall respect the HSE policy of your laboratory for each performed test.

### Instructions to participant laboratories

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

- 1. Five specimens (152 x 22 x 3,28 mm, hole diameter 4,8 mm) are supplied to each participant -5 results must be provided.
  - If one result is missing, your test will be considered as an outlier. A RCA shall be completed.
- 2. The specimens have to be dried during 48 hours (0/+10) at  $70^{\circ}$ C (+/-3) and tested within the next 8 hours after the drying.
- 3. All tests have to be performed at room temperature in accordance with the requirements of **AITM 1-0008 B2 issue 8**.

The tests shall be performed respecting the following conditions:

- One operator only
- One testing machine only
- Tests performed in sequence
- Anti-buckling device use is mandatory.

Nominal thickness: 3,28 mm

4. The following information need to be reported:

Characteristic		Significant digits	Mandatory / Not mandatory	Evaluated Yes/no
Specimen thickness		X,XX	Mandatory	No
Specimen width	Specimen width mm		Mandatory	No
Normalized Compression Open Hole Gross Strength $\sigma_{\text{coh}}$	MPa	XXX,X	Mandatory	Yes
Maximum Load P <sub>u</sub>		XXX,X	Mandatory	Yes
Failure mode	N/A	N/A	Mandatory	No
Upload of the official report	N/A	N/A	Mandatory	No

All evaluated characteristics will be analysed according to the algorithm A and S (ISO 13528 – 2015) and evaluated using z-score.

5. Testing shall start **as soon as test specimens are received**. Please contact the following email address for any technical or administrative query.

Submission date :	December 31 <sup>st</sup> , 2022	
Technical and administrative	info@ptpscheme.com	
support :		

Revision No. 1	Page 2 of 2			
ptp.				
Kit Open Hole				
Compi	ression			

# **Technical Definition**

Open Hole Compression Carbon Fiber Composite

6. Instructions for submission of results are detailed on the website:

## https://ptpscheme.com/

- 7. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.
- 8. Collusion and falsification of your PTP results are totally forbidden. In case of identification or suspicion of collusion or falsification, the laboratory will be excluded from the program and the sponsors will be immediately informed. The sponsors could ask you proofs of your records and analyses, so be sure to conserve data, curves and specimens.
- 9. The tested specimens do not need to be sent back to PTP.

#### **REVISION HISTORY**

Issue Date	Issue N°	Changes
05/10/2022	1	Document creation