

Technical Definition

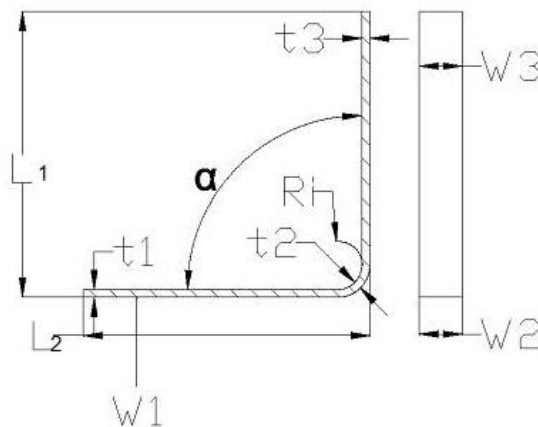
Curved Beam test
Carbon Fiber Composite

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.

- Five specimens 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.



Characteristic	Dimensions
L1/L2	75 mm
α	90 °
Ri	10 mm
t1	4,92 mm
t2	4,92 mm
t3	4,92 mm
W1	45 mm
W2	45 mm
W3	45 mm

- The specimens have to be dried during 48 hours (0/+10) at 70°C (+/- 3), kept in controlled conditions and tested within the next 8 hours after the drying.
- All tests have to be performed at room temperature in accordance with the requirements of **AITM 1-0069 issue 2**.

The tests shall be performed respecting the following conditions:

- One operator only
- One testing machine only
- Tests performed in sequence

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<div>ptp.</div>		
<div>Kit Curved Beam</div>		

4. The following information need to be reported:

Characteristic	Unit	Significant digits	Mandatory / Not mandatory	Evaluated Yes/no
Specimen dimensions	mm	X,XX	Mandatory	No
Test set up check protocol table	N/A	N/A	Mandatory	No
First crack load	N	XXX	Mandatory	Yes
Final failure load	N	XXX	Mandatory	Yes
Failure displacement method (crosshead or LVDT)	N/A	N/A	Mandatory	No
Failure displacement	mm	X,XX	Mandatory	Yes
Upload of the official test 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 e-mail address for any technical or administrative query.

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

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
25/09/2022	1	Document creation