

Minutes of TelCo Test Methods Work Group

Date of the Meeting: 2022-01-13, 14:00 – 15:00

Participants

Bathsheba Fulton	BS	
Ralf Rönisch	RR	✓
Thorsten Meier	TM	✓
David Vanraes	DV	
Klaus Menzel	KM	✓
Uwe Maurieschat	UM	
Jürgen Pomorin	JP	✓
Karsten Seitz	KS	✓
Reinhard Storbeck	RS	✓

Chair of Meeting: KS

Minutes: KS

Date of the Minutes: 2022-01-19

The meeting was performed as TelCo via TEAMS. After the welcome, topics were addressed as follows:

TOP I Agenda, minutes of last TelCo

Agenda adopted as proposed, minutes of TelCo 2021-25-11 accepted.

Attachment 1 "Draft Agenda..."

TOP II EU Competition Law

The necessity to comply with EU competition law addressed by KS, attached compliance charts shown and explained. No questions on the topic.

Attachment 2 "Compliance Charts"

TOP III Test Method "dynamic shear"

The comments on the 4th draft (distributed 2021-12-13) were discussed and decided:

- use imperative in chapter 9 and 10
- 3 methods of fixation of the specimens to the clamps/crossheads will be described, acc to the photos provided by Ralf
- The standard substrate for the method will be the commercially available polished steel plates. Note in the method: Other substrates may be used but need to be mentioned in the description of the respective test.

- Standard bonding pressure: 10 N/cm², Note in the method that higher bonding pressure may be required in special cases.
- Standard bonding area: 25 x 25 mm²

➡ The items will be implemented in the next draft by KS, accordingly.

➡ In a first experimental run we will focus on the question whether the three “clamping methods” are equivalent:

- 3 Products to be tested: 200 µm PET tape (tesa), 1 mm foam tape (tesa) and 3 mm acfoam tape (Coroplast, was decided after the meeting).
- Preparation of all specimens will be done by tesa
- shear testing at tesa – only hook method, certoplast – all three methods and Coroplast - all three methods.

TOP IV Round Robin test for standard test methods

The proposal of KS (see attachment) was discussed. Result was to reduce the program to peel adhesion and peel adhesion to tape backing, 180 ° single sided. Tapes: PET tape with acrylic adhesive and cloth tape with rubber adhesive. This will be the proposal for the TC meeting on Feb 8, when the final decision on the program and participants will be made.

The idea is to re-start Round Robins with this program, other methods will be addressed in subsequent programs.

➡ KS to prepare for TC meeting, accordingly.

Attachment 3 “Round Robin”

TOP V Test Manual

➡ KS will contact Zwick for the photo on fixation of fiber reinforced tapes to the crossheads, for method tear strength.

Meaning of terms “linear adhesive power” and “tangential adhesive power” in Afera 4003? Unknown to the group.

Karsten Seitz