

## Minutes of TelCo Test Methods Work Group

Date of the Meeting: 2021-10-25, 15:00 – 16:00

### Participants

Bathsheba Fulton	BS	✓
Astrid Lejeune	AL	excused
Ralf Rönisch	RR	excused
Thorsten Meier	TM	excused
David Vanraes	DV	excused
Klaus Menzel	KM	✓
Uwe Maurieschat	UM	✓
Jürgen Pomorin	JP	✓
Karsten Seitz	KS	✓

Chair of Meeting: KS

Minutes: KS

Date of the Minutes: 2021-10-28

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

### **TOP I          Agenda**

Agenda adopted as drafted

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”**

KS introduced the topic in stating that the method should address either single-sided or double-sided//transfer tapes rather than covering both aspects. A survey of interviews with some member companies on the matter was shown (Attachment 3, column 4). The results of these interviews clearly support the statement that the method should focus on lap shear strength of bonds with double-sided or transfer (d/s) tapes. The group agreed to this.

➡ KS will focus further work on d/s tapes

Discussion on the structure of the method: In general, the structure of the method shall be in-line with the current set-up of the methods in the TM manual, however, an introductory note,

as proposed by KS, may be added and address the questions and statements under “introduction” in attachment 4

➡ KS will draft an introductory note, to be discussed in next meeting

Decision on proposals (KS) to omit the chapters “Solvents” and “Sampling” can be made at a later stage as this is not crucial for the work now. For structure, see Attachment 4

Discussion on the scope of the method: Scope as proposed in Attachment 4 was agreed by the group: Determination of the tensile shear strength of single-lap-joints at a constant speed of separation, bonded with double sided or transfer PSA tapes

➡ KS will continue the work according to the scope. Minor changes in the wording of the scope may be appropriate, however.

Discussion on some details of the procedure: speed of separation, one option could be to define a value as reference but allow for individual changes. The chapter should include a rationale/explanation why a certain value is chosen and what might be reasons to deviate (e.g. relate speed to thickness range).

Discussion on the size of the specimen: The group agreed to start with a width of the test specimen of 25 mm as this seems to be the “width of choice” in the internal methods already existing. Width of 24 mm probably has been proposed due to international harmonization considerations, can be challenged at a later stage.

➡ Further work on draft will use 25 mm width, overlapping length t.b.d.

Description of the apparatus: KS asked for dedicated support on this point.

➡ UM will support on the specific matter “description of apparatus”.

Several other points and questions addressed in attachment 4 could not be covered due to time constraints, will be discussed in later meeting.

Attachment 3 “Interviews on test...”

Attachment 4 “Structuring and ...”

## TOP IV      Test Manual

The discussion on the TM developed on the “Master file” (Word version of TM, not attached) provided by KS, with some proposals for corrections, predominantly for the Peel test method (5001) and on the survey of missing pictures (Attachment 5, “pictures to be added...”). Due to time constraints, only some points were touched:

➡ Agreement that test methods 4026 and 4003 do not need pictures for clarification, KS.

Further discussion revealed that in addition to missing pictures there might be the need to “modernize” some. To further elaborate on this point, there will be

➡ separate meeting between UM and KS on pictures and sketches, chapter wise

There was no clear understanding in how far other changes in the text (Peel adhesion method so far) proposed by KS may be done without affecting the status of harmonized methods. Agreed however:

- Correction of the multitude of missing space characters.
- Removal of methanol and fluorinated hydrocarbon from the recommendations of cleaning solvents.
- Addition of the terms “face side” and “liner side” into the glossary of terms, link also to “open side” and “closed side”.

➡ separate meeting BF, KS.

5001 does not describe the 90° peel measurement for double-sided tapes. Why not?  
Rationale for that could not be given during the meeting. This appears odd as this specific method is widely used.

➡ Pick up issue of missing 90° peel measurement in 5001 in next meeting, KS

Attachment 5 "Pictures to be ...."

#### **TOP V          Future Test Methods, "Pressing issues"**

In addition to the results of the interviews on the topic (Attachment 3, column 5), there was a discussion on VOC as a possible field of interest for further test methods. Proposal (KM) to look closer into the status of VOC test methods and derive ideas from there. Will be followed up next meeting.

#### **TOP VI          Round Robin Tests**

Not addressed in the meeting, to be followed up in next meeting.

#### **Date of next meeting**

KS will provide proposals.

Karsten Seitz