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OFFICIAL TEST METHOD – 1992

WITHDRAWN – 2000

REINSTATED AS STANDARD PRACTICE – 2006

REAFFIRMED – 2010

REVISED – 2015

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CAUTION:

This Test Method may include safety precautions which are believed to be appropriate at the time of publication of the method. The intent of these is to alert the user of the method to safety issues related to such use. The user is responsible for determining that the safety precautions are complete and are appropriate to their use of the method, and for ensuring that suitable safety practices have not changed since publication of the method. This method may require the use, disposal, or both, of chemicals which may present serious health hazards to humans. Procedures for the handling of such substances are set forth on Material Safety Data Sheets which must be developed by all manufacturers and importers of potentially hazardous chemicals and maintained by all distributors of potentially hazardous chemicals. Prior to the use of this method, the user must determine whether any of the chemicals to be used or disposed of are potentially hazardous and, if so, must follow strictly the procedures specified by both the manufacturer, as well as local, state, and federal authorities for safe use and disposal of these chemicals.

Test conditions for fiber glass mat test methods

1. Scope

This practice defines the preconditioning and test conditions for testing fiber glass mats.

2. Significance

Mat characteristics are sensitive to changes in ambient conditions; therefore, preconditioning and test conditions are defined to facilitate comparison of results between different laboratories.

3. General preconditioning and test conditions

Under normal conditions, specimens may be preconditioned and tested at ambient laboratory conditions within the temperature range of 65 to 80°F (18 to 27°C) and a relative humidity range of 30 to 75%, except as specifically noted in the individual test method. Test specimens should be preconditioned for four hours minimum at the ambient conditions prior to testing.

4. Referee test conditions

For referee testing, the general test conditions should be as noted in the individual test method or, $77 \pm 2^\circ\text{F}$ ($25 \pm 1^\circ\text{C}$) and $50 \pm 3\%$ relative humidity. Test specimens should be preconditioned for four hours minimum prior to testing.

5. Alternate conditions

Other test conditions may be employed if agreed upon by both buyer and seller.

6. Report

Report that the preconditioning and test conditions specified in this practice were employed in the generation of the test results, or, if different conditions were employed, report the conditions and the reason for the deviation.

Approved by the Standard Specific Interest Group for this Test Method



Documents

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7. Precision

A statement of precision is not applicable for this practice.

8. Keywords

Fiber mats, Glass fibers, Testing, Temperature control, Humidity control, Atmospheres, Controlled atmospheres

9. Additional information

9.1 Effective date of issue: May 12, 2015.

9.2 Changes in the 2015 edition included more requirements regarding preconditioning.

Your comments and suggestions on this procedure are earnestly requested and should be sent to the TAPPI Standards Department. ■