
[<661.1> Plastic Materials of Construction](#)

Type of Posting: Notice of Intent to Revise

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Expert Committee: General Chapters– Packaging and Distribution

In accordance with the Rules and Procedures of the Council of Experts, this is to provide notice that the Packaging and Distribution Expert Committee intends to revise ?661.1? *Plastic Materials of Construction*.

Comments were received indicating that a revision to several sections was needed. The Expert Committee proposes to revise the ?661.1? *Plastic Materials of Construction* to include the following:

- **Polyamide 6**—Physicochemical Tests (Water extraction, Solution S1)
 - Once the solution has cooled to ambient temperature, decant and pass the solution through a sintered glass filter. Collect the filtrate in a 500-mL volumetric flask and dilute with Purified Water to volume. This filtered solution is designated Solution S1.
- **Polyvinyl Chloride**?Physicochemical Tests (Water extraction, Solution S1)
 - *Solution S1* should be used within 4 h of preparation.
- **Polyvinyl Chloride**? Chlorine content (Calculation)
 - To determine the chlorine content, calculate the titration volume by subtracting the volume of titrant used in the *Preparation* from the volume of titrant used in the blank. Each milliliter of titrant volume is equal to 0.3125 mg of polyvinyl chloride.
- **Polyvinyl Chloride**? Chlorine content (Equation)
 - Chlorine content (weight %) = $\{[(V_b - V_p) \times 0.3125 \text{ mg/mL}]/\text{weight of sample (mg)}\} \times 100\%$
 - V_b = Volume of the titrant used in the blank (in mL)
 - V_p = Volume of the titrant used in the Preparation (in mL)
- **Polyvinyl Chloride, Plasticized**? Physicochemical Tests (Water extraction, Solution S1)
 - *Solution S1* should be used within 4 h of preparation.

It is anticipated that the proposed revision will be published as a Revision Bulletin on February 26, 2021 with a targeted official date of March 1, 2021. Should you have any questions, please contact Desmond G. Hunt, Principal Scientific Liaison (dgh@usp.org).

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