

## (661.1) Plastic Materials of Construction

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<b>Expert Committee</b>	Packaging and Distribution Expert Committee

In accordance with the Rules and Procedures of the Council of Experts, this is to provide notice that the General Chapters–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 (661.1) Plastic Materials of Construction to address the following:

- 1) **Polycarbonate**–For the *Acidity or Alkalinity* test in the *Polycarbonate* section, the procedure and acceptance criteria were inadvertently omitted during publication. To address this issue the procedure and acceptance criteria is being added to the section as shown below.
  - a. **Procedure:** To 100 mL of *Solution S1* add 0.15 mL of *BRP indicator solution*. Determine the titration volume of 0.01 N sodium hydroxide required to change the color of the indicator to blue. To a separate, 100-mL portion of *Solution S1* add 0.2 mL of *Methyl orange solution*. Determine the titration volume of 0.01 N hydrochloric acid required to reach the beginning of the color change of the indicator from yellow to orange.
  - b. **Acceptance criteria:** NMT 1.5 mL of 0.01 N sodium hydroxide is required to change the color of the indicator to blue. NMT 4.0 mL of 0.01 N hydrochloric acid is required to reach the beginning of the color change of the indicator from yellow to orange.
- 2) **Polyvinyl Chloride**–The requirement for tin stabilizers is being revised in the *Polyvinyl Chloride* section to allow the use of different ratios of di(isooctyl) 2,2'-[(dioctylstannylene)bis(thio)]-diacetate and tri(isooctyl)2,2',2''-[(monomethylstannilydyne)tris(thio)]-triacetate to be consistent with materials that are currently available in the market.

Should you have any questions, please contact Desmond G. Hunt, Senior Principal Scientist (301-816-8341 or [dgh@usp.org](mailto:dgh@usp.org)).