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Standard Specification for Pentachlorophenol¹

This standard is issued under the fixed designation D 1272; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

^{ε1} NOTE—The AWWA address was updated editorially in October 1997.

1. Scope

1.1 This specification covers dry pentachlorophenol for use in the preservative treatment of wood.

2. Referenced Documents

2.1 *ASTM Standards:*

D 1274 Test Methods for Chemical Analysis of Pentachlorophenol²

2.2 *Other Standard:*

AWPA P8 Standards for Oil-Borne Preservatives³

3. Composition and Properties

3.1 Dry pentachlorophenol shall conform to the following requirements:

Chlorinated phenols, min, %	95
Sodium hydroxide insoluble matter, max, %	1
Freezing point, min, °C	174

4. Chemical Analysis

4.1 The material shall be analyzed in accordance with Methods D 1274.

5. Keywords

5.1 pentachlorophenol; preservative

¹ This specification is under the jurisdiction of the ASTM Committee D-7 on Wood and is the direct responsibility of Subcommittee D07.06 on Treatments for Wood Products.

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This specification is identical in substance with the Standards for Pentachlorophenol in Section I of the American Wood-Preservers' Association Standard for Oil-Borne Preservatives (P8-77). Acknowledgement is made to the American Wood-Preservers' Association for its development of the subject matter covered in this specification.

² *Annual Book of ASTM Standards*, Vol 04.10.

³ Available from American Wood-Preservers' Association, 3246 Fall Creek Highway, Suite 190, Granbury, TX 76049.

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