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Standard Practices Guide for Testing Polymeric Coating Powders and Powder Coatings¹

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1. Scope

~~1.1 These practices cover~~

1.1 This guide covers the selection and use of procedures for testing polymeric coating powders and powder coatings. The test methods included are listed in Table 1. Where more than one test method is listed for the same characteristic, no attempt is made to indicate superiority of one method over another. Selection of the methods to be followed must be governed by experience and the requirements in each individual case, together with agreement between the purchaser and the seller.

~~1.2 These practices describe~~

1.2 This guide also refers to methods developed specifically for the coating powder industry by the Powder Coating Institute, PCI, and the International Organization for Standards, ISO.

1.3 This guide describes the testing of polymeric coating powders as applied by electrostatic spray, fluidized bed, or any other applicable method.

~~1.3 These practices apply to proper and safe packaging, shipping and receiving, and storage and handling during use and application of polymeric powders.~~

1.4 This standard does not purport to address all of the safety ~~problems, concerns,~~ if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 ASTM Standards:

B 117 Practice for Operating of Salt Spray (Fog) Testing Apparatus²

⁺These practices are

¹ This guide is under the jurisdiction of ASTM Committee ~~D-1~~ D01 on Paint and Related Coatings, Materials, and Applications and ~~are~~ is the direct responsibility of Subcommittee D01.51 on Powder Coatings.

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