



Designation: D 4699 – 9903

Standard Test Method for Vibratory Packing Density of Large Formed Catalyst and Catalyst Carrier Particles¹

This standard is issued under the fixed designation D 4699; 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.

1. Scope

1.1 This test method covers the determination of the vibratory packing density of formed catalyst and catalyst carrier particles that will not break up significantly under test conditions. For the purpose of this test, catalyst particles are defined as extrudates, spheres or formed pellets greater than 4.8 mm ($\frac{3}{16}$ in.).

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 *This standard does not purport to address all of the safety 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.*

¹ This test method is under the jurisdiction of ASTM Committee D32 on Catalysts and is the direct responsibility of Subcommittee D32.02 on Physical-Mechanical Properties.

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