



Designation: D 4164 – 9903

Standard Test Method for Mechanically Tapped Packing Density of Formed Catalyst and Catalyst Carriers¹

This standard is issued under the fixed designation D 4164; 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 mechanically tapped density of formed catalyst and catalyst carriers. For the purpose of this test method, catalyst particles are defined as extrudates, spheres, or formed pellets of 0.8 to 4.8-mm ($\frac{1}{32}$ to $\frac{3}{16}$ -in.) nominal diameter.

1.2 *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 D-32 on Catalysts and is the direct responsibility of Subcommittee D32.02 on Physical-Mechanical Properties.

Current edition approved Oct. 10, 1999; 1, 2003. Published December 1999. Originally published as D 4164 – 88. October 2003. Originally approved in 1988. Last previous edition ~~D 4164 – 88 (1994)^{ε1}~~. approved in 1999 as D 4164 – 99.