



Designation: D 5757 – 9500

## Standard Test Method for Determination of Attrition and Abrasion of Powdered Catalysts by Air Jets<sup>1</sup>

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### 1. Scope

1.1 This test method covers the determination of the relative attrition characteristics of powdered catalysts by means of air jet attrition. It is applicable to spherically or irregularly shaped particles which range in size between 10 and 180 μm, have skeletal densities between 2.4 and 3.0 g/cm<sup>3</sup> (2400 and 3000 kg/m<sup>3</sup>) (see IEEE/ASTM SI-10) and are insoluble in water. Particles less than 20 μm are considered fines.

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.*

### 2. Referenced Documents

#### 2.1 ASTM Standards:

<sup>1</sup> 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.

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