

ASHRAE 52.1 DEFINITIONS

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| ASHRAE - | American Society of Heating, Refrigerating and Air-Conditioning Engineers. |
| Arrestance - | The percentage of the weight of ASHRAE dust caught by the filter compared to the total weight of dust fed into the filter throughout the test. |
| Efficiency - | The ability of the filter to remove stain causing particles from atmospheric air. Expressed as a percentage. |
| Dust Holding Capacity - | The total weight in grams of ASHRAE dust caught by the filter before reaching a pre-determined pressure drop at a given rate of flow. |

Components of ASHRAE Dust (By Weight)

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| 72% | Standardized Air Cleaner Test Dust, Fine (Mean particle size - 7.7 microns) |
| 23% | Powdered Carbon |
| 5% | #7 Cotton Linters |