



ASTM A-428

Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles

This test method provides a standard method of determining the weight (mass) of coating for comparison with specification requirements. A coating of aluminum on iron or steel articles provides protection against corrosion by forming a relatively inert barrier. Specifications for aluminum-coated articles occasionally provide for different classes (weights/masses) of coating so that the purchaser can select the coating weight (mass) most suited to their needs. The heavier coating will provide greater protection against mechanical damage which may break the coating. The final results determined by this test method will be expressed in inch-pound units or SI units, depending on the units used in the material specification to which the results are to be compared.

(A428, A-428, A 428)

ASTM Standard A428, 2007, "Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles," ASTM International, West Conshohocken, PA, 2007, DOI: 10.1520/A428-01, www.astm.org.

New Hampshire Materials Laboratory, Inc
www.nhml.com • info@nhml.com
Tel: 800-334-5432 or 603-692-4110 • Fax: 603-692-4008