UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

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Product Identifier

SRM Number: 2563
SRM Name: High-Energy Charpy V-Notch Specimens
(NIST-Verification, 21 °C, 8 mm Striker)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program. Articles are exempted per 1910.1200(c).

This SRM is an Article, as the word is defined by OSHA, where *Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of 1910.1200), and does not pose a physical hazard or health risk to employees.

Description: This SRM is intended for the indirect verification at 21 °C of Charpy machines equipped with an 8 mm striker, in accordance with the current ASTM Standard E23 [1] and the current ISO Standard 148-2. A unit of SRM 2563 consists of a set of Charpy specimens needed to perform a single indirect verification. SRM 2563 is made from 4340 alloy steel. The bars are finished to length, heat-treated, and machined in SRM specimen lots ranging in size from 1200 to 2000 specimens. Each specimen has a lot number and an identification number (three or four digits).

Disposal: SRM 2563 should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

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