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

DATE: 21 May 2021

Product Identifier

SRM Number: 2239
SRM Name: Miniaturized Super-High-Energy Charpy V-Notch RHS Specimens (Self-Verification)

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.

Exemption: 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 Standard Reference Material (SRM) is intended for the verification of absorbed energy values measured at room temperature using a small-scale Charpy impact machine. A unit of SRM 2239 consists of a set of five RHS-type miniaturized Charpy specimens needed to perform a single verification. SRM 2239 can be used to verify the absorbed energy scale of a small-scale impact machine at the super-high-energy level (approximately 35 J).

Disposal: SRM 2239 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).