

INCH-POUND

MIL-C-51077 (AR)
 AMENDMENT 3
 21 June 1990

 SUPERSEDING
 AMENDMENT 2
 2 October 1969

MILITARY SPECIFICATION
 CALCIUM SILICATE, TECHNICAL

This Amendment forms a part of Military Specification MIL-C-51077 (MU) dated 1 February 1962, and is approved for use within the US Army Armament Munitions and Chemical Command and is available for use by all Departments and Agencies of Department of Defense.

Delete "(MU)" wherever it may appear in the specification and substitute "(AR)". Under "Preparing activity", delete "Army-MU" and substitute "Army-AR".

PAGE 2

Paragraph 3.1, Table I:

Delete requirement under percent, minimum (min.) "97" for the "sum of percent SiO₂, CaO, and loss of weight on ignition, dry basis" and substitute "93".

Delete requirement under percent, minimum (min.) "52.0 (min)" for "Total silicon as silicon dioxide (SiO₂) dry basis" and substitute "45.0 (min)".

Delete under percent, maximum "32.0 (max.)" for the "total calcium oxide (CaO) dry basis" and substitute "36.0 (max.)".

PAGE 3

Paragraph 3.2, Table II:

Delete requirement under percent, max. of "6.0 (max.)" for the "Granulation, Retained on 325 mesh sieve" and substitute "10.0 (max.)".

MIL-C-51077 (AR)
AMENDMENT 3

Delete entire grit requirement and add paragraph "3.2.2 Residue. The number of foreign particles retained on U.S. Standard Sieve Number 60 shall be no more than five (max.) when tested as specified in 4.3.8."

PAGE 11

Paragraph 4.3.8: Delete in its entirety and substitute:

"4.3.8 Residue. The residue obtained from the granulation determination in paragraph 4.3.5 shall be dry screened on a No. 60 U.S. Standard Sieve. The number of foreign particles retained on the screen shall be counted and identified. A foreign particle shall be either magnetic, differing in color, or produce a scratching noise or scratch a glass slide. Brittle lumps of the same color as the base material shall be considered as foreign particles."

NOTE: The margins of this amendment are marked with an asterisk or vertical line to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:
ARMY-AR

Preparing activity:
ARMY-AR

(Project 6810 - A072)