

[INCH-POUND]

L-P-410A
AMENDMENT 4
July 15, 1999
SUPERSEDING
AMENDMENT 3
May 21, 1974

FEDERAL SPECIFICATION

PLASTIC, POLYAMIDE (NYLON), RIGID: RODS, TUBES, FLATS,
MOLDED AND CAST PARTS

The General Services Administration has authorized the use of this amendment which forms a part of L-P-410A, dated March 16, 1966, by all federal agencies.

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1.2: Delete lines 10 and 11 and substitute "Polyhexamethylene amide (Nylon 6/9, 6/10, and 6/12), low moisture absorption polyamide."

1.2.1, line 2: Delete "sebacamide (Nylon 6/10)" and substitute "amide (Nylon 6/9, 6/10, and 6/12)."

* 2.1, under Federal Specifications: Add "CCC-C-46 – Cloth, Cleaning, Nonwoven Fabric."

2.2, under Federal Standards: Delete "Fed. Std. No. 102 – Preservation, Packaging, and Packing Levels."

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3.2, lines 4 and 5: Delete "sebacamide (Nylon 6/10)" and substitute "amide (Nylon 6/9, 6/10, and 6/12)."

3.4, line 3: Delete "6/10" and substitute "6/9, 6/10, and 6/12."

PAGE 3

TABLE I, column 2 (Nylon 6/6), opposite tensile strength for rods 1 inch and under: Delete "13,000 and substitute "11,000."

TABLE I, column 2 (Nylon 6/6), opposite tensile strength for rods over 1 inch: Delete "12,000" and substitute "13,000."

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TABLE I, column 5: Delete “sebacamide (Nylon 6/10)” and substitute “amide (Nylon 6/9, 6/10, and 6/12) .”

TABLE I, column 5, opposite specific gravity minimum: Delete “1.07” and substitute “1.05.”

TABLE I, column 6: Delete “Table XI” and substitute “Table XIV.”

3.5.1, line 3: Delete “Nylon 6/10” and substitute “Nylon 6/9, 6/10, and 6/12.”

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TABLE II, column 3 (Nylon 6):

Opposite Rockwell, R scale hardness, minimum: Delete “105” and substitute “114.”

Opposite water absorption, maximum, percent, after 24 hours immersion: Delete “2.5” and substitute “1.9.”

TABLE II, column 5:

Delete “sebacamide (Nylon 6/10)” and substitute “amide (Nylon 6/9, 6/10, and 6/12).”

Opposite water absorption after 24 hours immersion: Delete “0.5” and substitute “0.6.”

Opposite water absorption at saturation: Delete “4.0” and substitute “5.0.”

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TABLE V, column 3, opposite flats 3/16-inch thickness and over: Delete “and diameter.”

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4.3.3, line 11: Delete “6/10” and substitute “6/9, 6/10, and 6/12.”

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* 4.4.6.1, line 4: Delete “a suitable solvent such as trichloroethylene” and substitute “reagent grade acetone using bleached cotton cheesecloth or material in accordance with CCC-C-46, class 7.”

* 4.4.7.2(d): Delete in its entirety and substitute “4.4.7.2.(d) Fritted glass crucible.”

* 4.4.7.3(d)1: Delete the first sentence in its entirety.

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4.4.10.2, line 5: Delete “6/10” and substitute “6/9, 6/10, and 6/12.”

4.4.11, line 12, after copper: Add “cold-rolled hard.”

Delete the first paragraph in Section 5, PREPARATION FOR DELIVERY in its entirety.

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6.1, in line 3: Delete “6/10” and substitute “6/9, 6/10, and 6/12.”

6.7: Delete in its entirety and substitute:

"6.7 International standardization agreement. Certain provisions of this specification are the subject of international standardization agreement ABC-NAVY-17c. When amendment, revision, or cancellation of this specification is proposed which will affect or violate the international agreement concerned, the preparing activity will take appropriate reconciliation action through international standardization channels including departmental standardization offices, if required."

NOTE: The margins of this amendment are marked with asterisks to indicate where changes 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.

MILITARY INTERESTS:

Custodians:

Army – MR

Navy – AS

Air Force – 11

Preparing activity:

Navy – AS

(Project 9330-0094)

Review activities:

Army – MI

Navy – EC, MC, OS, SH