

INCH-POUND

MIL-P-63462
 AMENDMENT 2
 05 October 1994
 SUPERSEDING
 MIL-P-63462(AR)
 AMENDMENT 1
 30 JUNE 1990

MILITARY SPECIFICATION

PLASTIC MOLDING AND EXTRUSION MATERIAL,
 ETHYL CELLULOSE, FOR ROCKET GRAIN INHIBITING MATERIALS

This amendment forms a part of MIL-P-63462(AR), dated 10 September 1979, and is approved for use by all Departments and Agencies of the Department of Defense.

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3.1.2: Delete section 3.1.2 in its entirety and substitute the following:

"3.1.2 Plasticizer, substituted phenyl ether – with bis (p-1, 1'3, 3' tetramethyl butyl phenyl) ether as the principal constituent. Dow P-1099 plasticizer is the only Government-approved commercial form of this material currently authorized for use.

Specification:

(1) Color	Light amber
(2) Absorption Coefficient	0.23 Max.
(3) Viscosity at 25°C: m ² /s (Centistokes)	4 – 8 X 10 ⁻³ (4000 – 8000)
* (4) % volatiles (148.5°C and 4mm Hg pressure for one hour using a 10 g sample in a 30 ml standard Griffin beaker), maximum	9
(5) Acid Number, maximum	0.5
(6) Specific Gravity, 25/4 degrees C	0.92 – 0.95"

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4.2.4.3, Table V: Delete Table V in its entirety and substitute the following:

AMSMC N/A

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"TABLE V. Lot Acceptance Tests.

Applicable to:		Specific gravity	Tensile strength	Deflection temperature	Flow temperature
Type	Class				
I	1 to 3	R ¹	R	R	R
II	1	R ¹	R	R	R

R¹ Indicates test is required."

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4.3 Water absorption: Delete "4.3 Water absorption." and substitute "4.3.5 Water absorption."

- * 5.1.1, 5.1.2, and 5.1.3: Add the following sentence to each paragraph:

"Plastic self clinching wire ties may be used in place of reinforced tape for sealing the polyethylene liner."

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

Custodians:

Army – AR
Navy – OS

Preparing activity:

Army – AR

(Project 9330–1297)

Review activities:

Army – MI