

## MILITARY SPECIFICATION

## ARMOR: LIGHTWEIGHT, CERAMIC-FACED COMPOSITES

This amendment forms a part of MIL-A-46103D, dated 23 June 1989, and is approved for use by all Departments and Agencies of the Department of Defense.

## PAGE 2

2.1.1, Insert after MIL-A-46166(MR):

"MIL-P-46199, Plate: Aluminum Oxide Ceramic (For Use in Armor Composites)"

2.1.1, Insert after MIL-L-62474(AT):

"MIL-P-64151, Plate: Silicon Carbide Ceramic (For Use In Armor Composites)

MIL-P-64152, Plate: Titanium Diboride Ceramic (For Use In Armor  
Composites)

MIL-P-64153, Plate: Boron Carbide Ceramic (For Use In Armor Composites)"

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3.3.1.1, line 1: Delete and substitute:

"The composition shall be a minimum of ninety weight percent (90.0%) pure aluminum oxide iaw MIL-P-46199."

3.3.1.2, line 1: Delete and substitute:

"The composition shall be a minimum of ninety five weight percent (95.0%) pure aluminum oxide iaw MIL-P-46199."

3.3.1.3, line 1: Delete and substitute:

"The composition shall be a minimum of ninety nine weight percent (99.0%) pure silicon carbide iaw MIL-P-64151."

3.3.1.4, line 1: Delete and substitute:

"The composition shall be a minimum of ninety eight and one half weight percent (98.5%) pure boron carbide iaw MIL-P-64153."

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3.3.1.5, line 1: Delete and substitute:

"The composition shall be a minimum of ninety eight and one half weight percent (98.5) for sintered or hot isostatically-pressed (HIPed) materiel, and ninety eight weight percent (98.0%) for hot pressed material iaw MIL-P-64152."

Custodians:

Army - MR  
Navy - AS  
Air Force - 11

Preparing activity:

Army - MR  
(Project CMPS-0122)

Review activities:

Army - AR, AT, AV, GL, ME, TE  
Navy - MC, OS, SH  
Air Force - 18

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