

Title: Material – Alumina Grit Media

MS-104 D

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Supersedes11-Apr2018

Effective: 28-Feb-2023

## 1.0 Purpose

This document establishes the requirements for grit blast material intended for surface preparation of Coatings Department hardware.

#### 2.0 Certificate Required

Each lot must be accompanied with a Certificate of Compliance. The analysis must state that the material meets or exceeds the criteria listed in the Meyer Tool purchase order or that listed below.

## 3.0 Specifications

**3.1 Size** 220 grit or finer per ANSI B74.12-2018

### 3.2 Composition

3.2.1 **Al<sub>2</sub>O<sub>3</sub>:** 99.0% minimum

3.2.2 **All else combined:** 1% maximum

#### Preferred but not required

		0 0 0 0 0 0 0 0 0 0 0 0
3.2.3	SiO <sub>2</sub>	.04% maximum
3.2.4	Fe <sub>2</sub> O <sub>3</sub>	.09% maximum
3.2.5	MgO	.03% maximum
3.2.6	Na <sub>2</sub> O	.34% maximum
3.2.7	CaO	.03% maximum
3.2.8	TiO <sub>2</sub>	.03% maximum
3.2.9	$Cr_2O_3$	.01% maximum

Date		Date	
Engineering	Keith Jones	Quality	Bridget Nolan

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# **Revision History**

Rev. Ltr.	Parg.	Description of Revision	Date Rev.	Rev. By
A	3.1	Added grit size	11-25-08	K. Jones
В	3.2.1	Reduced Al purity from 99.43% to 99.0% min	02-03-14	K. Jones
В	3.2.2	Changed all others to 1% max	02-03-14	K. Jones
С	3.1	Added per ANSI B74.12 2012	11-APR-2018	K. Jones
D	3.1	Changed ANSI B74.12-2012 to -2018	28-FEB-2023	K. Jones
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