

DSM 3.10.2

Alumina Ceramic (Aluminium Oxide)

General:

Alumina is a hard ceramic which can have a wide variety of ceramic processing methods applied to it including machining or net shape forming to produce a wide variety of sizes and shapes

Application:

- Seal Ring
- Electronic substrates
- Thermocouple tubes
- Electrical insulators
- Thread guides
- Wear components

These values are representative. For critical applications, refer to data-sheet.

MECHANICAL PROPERTIES					
MATERIAL DETAILS	TENSILE STRENGTH:	YOUNGS MODULUS:	POISSONS RATIO:	DENSITY:	Colour
Zirconia Toughened alumina	70 MPa	375 GPa	0.21	3690 Kg/m ³	White

Alternatives:

Alternatives are allowed only with the express written permission of ASMPT. Please email details of your request to engineering_enquiries@asmpt.com

Issue	01	02	03	04	05	06	07	08	09
DCR	44869								