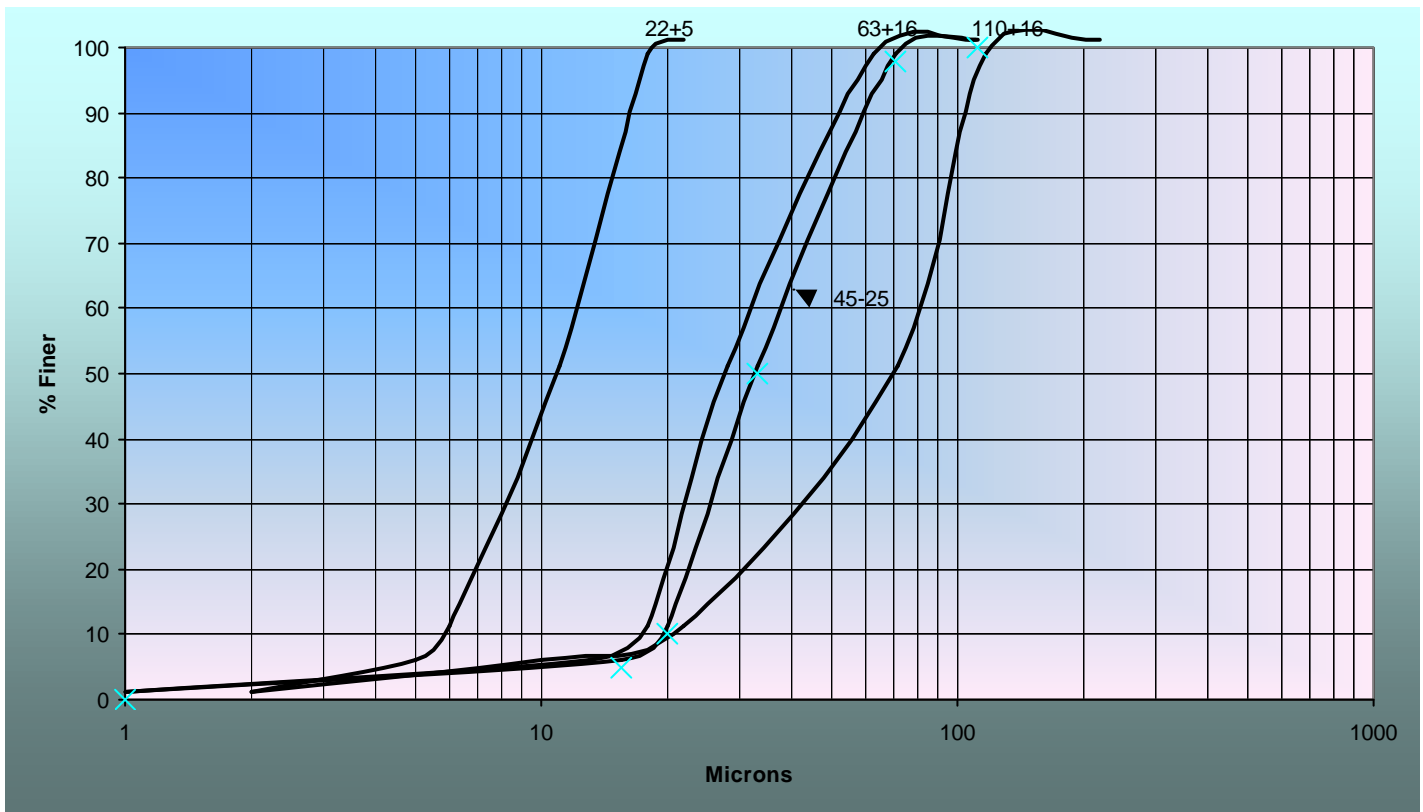


# Ceramic Oxides for Plasma Sprayed Operations

Ceramic Oxide	Aluminium Oxide	Mullite	Spinel *	Zirconia Mullite	Magnesium Oxide
SiO <sub>2</sub>	0.10	23.5	0.08	16.0	0.10
TiO <sub>2</sub>	<0.05	0.05	0.05	0.06	0.05
Al <sub>2</sub> O <sub>3</sub>	99.6	76.0	67.5	47.5	0.10
Fe <sub>2</sub> O <sub>3</sub>	0.03	0.05	0.05	0.06	0.15
CaO	0.02	0.05	0.25	0.08	0.80
MgO	0.03	0.03	32.0	0.05	98.8
Na <sub>2</sub> O	0.18	0.16	0.10	0.10	0.05
K <sub>2</sub> O	<0.05	0.10	0.05	0.05	0.05
ZrO <sub>2</sub> +HfO <sub>2</sub>	0.00	0.00	0.00	36.0	0.00

These materials are available subject to agreement in the following possible particle size distributions.

\* Spinels available in various combinations of Al<sub>2</sub>O<sub>3</sub> and MgO.



Determination using Cilas Laser 1064L in water.

Packaging options: 25 kg nett paper sacks (plastic for MgO and Spinel), 5 and 10 kg plastic pots



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