

# Thermal Spray Powders Product List

Product Name	Product Number	Nominal Size	Nominal Chemistry
Aluminum Oxide (Brown) <i>Fused and Crushed</i>	#112	20-70 micron	97% Al <sub>2</sub> O <sub>3</sub> , 3% TiO <sub>2</sub>
	#111, #119	20-55 micron	
	#110, #110GE	15-45 micron	
	#117, #117GE	5-30 micron	
Aluminum Oxide (White) <i>Fused and Crushed</i>	#182	20-70 micron	99.5% Al <sub>2</sub> O <sub>3</sub>
	#183	15-45 micron	
	#184	5-30 micron	
	#150	5-20 micron	99.8% Al <sub>2</sub> O <sub>3</sub>
Aluminum Oxide (White) <i>Spherical</i>	#153PT	15-45 micron	99.5% Al <sub>2</sub> O <sub>3</sub>
	#196	15-55 micron	99.9 Al <sub>2</sub> O <sub>3</sub>
	#195	12-38 micron	
	#194	5-20 micron	
Alumina Zirconia <i>Fused and Crushed</i>	#290	45-125 micron	75% Al <sub>2</sub> O <sub>3</sub> , 25% ZrO <sub>2</sub>
	#1610	45-125 micron	60% Al <sub>2</sub> O <sub>3</sub> , 40% ZrO <sub>2</sub>
Mullite (Aluminum Silicate) <i>Fused and Crushed</i>	#1020	15-55 micron	75% Al <sub>2</sub> O <sub>3</sub> , 25% SiO <sub>2</sub>
Spinel (Magnesium Aluminate) <i>Spherical</i>	#171	20-75 micron	75% MgO, 25% Al <sub>2</sub> O <sub>3</sub>
	#172	10-63 micron	
Alumina Titania <i>Fused and Crushed</i>	#106	15-45 micron	87% Al <sub>2</sub> O <sub>3</sub> , 13% TiO <sub>2</sub>
	#107	5-30 micron	
	#108	15-45 micron	60% Al <sub>2</sub> O <sub>3</sub> , 40% TiO <sub>2</sub>
	#109	5-30 micron	
Aluminum Titanate <i>Fused and Crushed</i>	#1010	5-25 micron	52% Al <sub>2</sub> O <sub>3</sub> , 32% TiO <sub>2</sub> , 9% SiO <sub>2</sub>
Titanium Oxide <i>Fused and Crushed</i>	#1000	5-25 micron	98% TiO <sub>2</sub>
	#1001	15-45 micron	

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Product Name	Product Number	Nominal Size	Nominal Chemistry
Chromium Oxide <i>Fused and Crushed</i>	#2023	15-63 micron	99.5% Cr <sub>2</sub> O <sub>3</sub>
	#2020, #2026, #2525	15-45 micron	
	#2021	10-30 micron	
	#2022	5-15 micron	
Chromium Oxide with Alumina <i>Spherical</i>	Ruby L	20-45 micron	75% Cr <sub>2</sub> O <sub>3</sub> , 25% Al <sub>2</sub> O <sub>3</sub>
	Ruby F	15-40 micron	
	Ruby VF	10-30 micron	
Chromium Oxide with Titania <i>Fused and Crushed</i>	#306	25-95 micron	96% Cr <sub>2</sub> O <sub>3</sub> , 4% TiO <sub>2</sub>
	#307	15-63 micron	
Chromium Oxide with Silica-Titania <i>Crushed and Clad</i>	#340	25-95 micron	93% Cr <sub>2</sub> O <sub>3</sub> , 4% SiO <sub>2</sub> , 3% TiO <sub>2</sub>
	#341	20-75 micron	
Calcia Stabilized Zirconium Oxide <i>Fused and Crushed</i>	#235	45-75 micron	95% ZrO <sub>2</sub> , 5% CaO
	#252	15-45 micron	
Ceria Stabilized Zirconium Oxide <i>Hollow Spherical</i>	#222	20-95 micron	79% ZrO <sub>2</sub> , 21% CeO <sub>2</sub>
Magnesium Zirconate <i>Fused and Crushed</i>	#233	20-75 micron	77% ZrO <sub>2</sub> , 23% MgO
	#232	5-25 micron	
Yttria Stabilized Zirconium Oxide <i>Hollow Spherical</i>	#202	25-95 micron	80% ZrO <sub>2</sub> , 20% Y <sub>2</sub> O <sub>3</sub>
	#204PR, #204RR	44-100 micron	92% ZrO <sub>2</sub> , 8% Y <sub>2</sub> O <sub>3</sub>
	#204 series	25-95 micron	
	#204F	10-45 micron	
	#204HP (high purity)	25-95 micron	
	#204HP PR	44-100 micron	
	#204HP F	10-45 micron	
Yttrium Oxide <i>Spherical</i>	#402, #1120	15-63 micron	Various purities
Rare Earth Silicates <i>Fused and Crushed</i>	#1006, #1500, #1533	15-45 micron	Various formulations

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