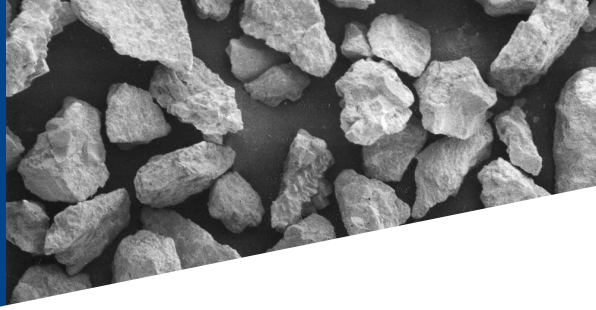


Thermal Spray Powders Technical Datasheet



Saint-Gobain Alumina Zirconia

POWDERS CHARACTERISTICS

Product	Nominal Size	Color	Morphology
#290	45-125 micron	Grey	Irregular
#1610	45-125 micron	Grey	Irregular

Please inquire about other particle size distributions.

TYPICAL CHEMISTRY

Product	Al ₂ O ₃	ZrO ₂ + HfO ₂	TiO ₂	Y ₂ O ₃	SiO ₂	Fe ₂ O ₃	Na ₂ O
#290	76.6%	22.5%	0.15%	0.01%	0.25%	0.25%	0.10%
#1610	56.0%	41.6%	1.80%	0.25%	0.25%	0.05%	<0.01%

KEY PROPERTIES

Saint-Gobain Alumina Zirconia produces a coating that is tough and hard. It resists wear caused by abrasion, fretting, cavitation, and particle erosion. Saint-Gobain #290 is commonly used in zinc molten metal baths as part of the galvanizing process to steel.

TYPICAL APPLICATIONS

Molten Zinc Contact Parts, Pump Parts, Sealing Surfaces, Parts subjected to Wear and Shock

www.coatingsolutions.saint-gobain.com | coatingsolutions@saint-gobain.com

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