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SST-G0002

PRACTICAL COLD SPRAY COATINGS

TECHNICAL DATA SHEET

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Commercial Powder

Metal Group – ALUMINUM OXIDE Catalogue No. – SST-G0002



Description:

Designed to be used with the SST Cold Spray equipment, this medium coarse grit blast is an excellent general blasting media for cleaning and preparing most metal and glass surfaces. This is not a high-purity oxide and may not be suitable for coating applications with high sensitivity to impurities.

Specifications:

Material Properties

 Composition:
 Al₂O₃ 92% Min.

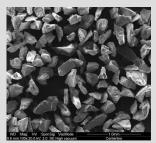
 Particle Size:
 100 to 300 μm

 Characteristics:
 Irregular shaped particles for effective blasting

Typical Coating Properties

Bond Strength:	N/A
Hardness:	N/A
Density:	N/A
Deposition Efficiency:	N/A
Deposition Rate:	N/A

Typical Micrograph



SST-G0002 Powder

Spray Parameter Ranges

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Spray parameters only apply to CenterLine Cold Spray equipment.	
Temperature:	Room Temperature
Pressure:	60 – 70 psi
Powder Pre-heating:	N/A
Standoff Distance:	10 – 30 mm
Gas:	Compressed air
Feed Rate Setting:	10 – 40% for Seris P
	60 – 160°/s for Series PX/EPX
Gun Traverse Speed:	N/A
Surface Preparation:	N/A
Spray Nozzle:	UltiLife™

Ordering

Catalogue Number: Standard Packaging: Selling Unit: SST- G0002 400 ml or 1 gallon sized container Pound

To discuss your Cold Spray Application(s) or for more information about powders and blends, please contact your CenterLine SST representative or visit our website at <u>www.supersonicspray.com</u>.

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