

# Developmental Product Silver Powder 7000-35

## PRODUCT DESCRIPTION

High purity, ultra-fine, spherical silver powder

## KEY FEATURES

Ultra-fine particle size

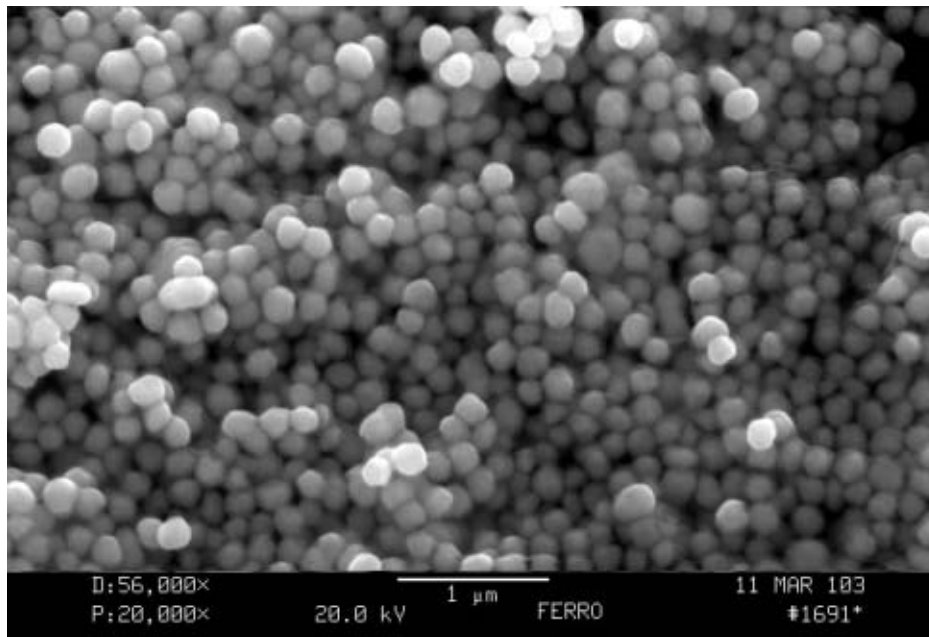
## APPLICATIONS

Sintering aid  
PDP  
Conductive inks

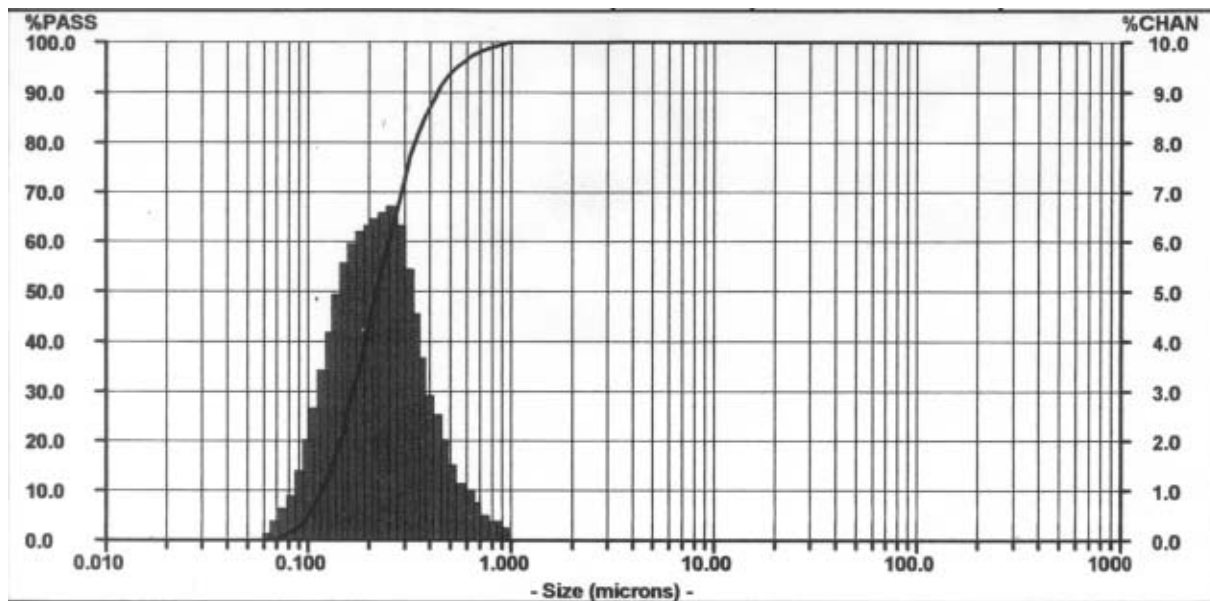
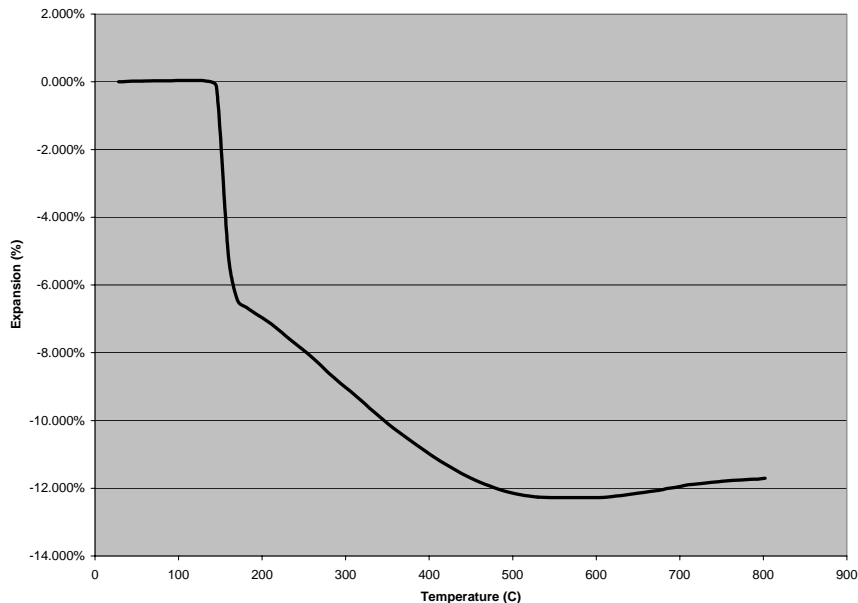
## TYPICAL PROPERTIES

Product Code:	RDS7000-35	
Batch Size	180	Kg
<b>PHYSICAL DATA:</b>		
Tap Density	> 2.9	grams/cc
Surface Area	3.0 – 5.0	m <sup>2</sup> /gm
<b>LOSSES::</b>		
110°C loss - 1 hour in air	< 0.5	%
538°C loss - ½ hour in air	< 1.0	%
<b>PARTICLE SIZE DISTRIBUTION:<sup>1</sup></b>		
95%	-	µm
90%	< 1.00	µm
50%	< 0.40	µm
10%	-	µm

<sup>1</sup>PSD measured by Honeywell X100 Particle Size Analyzer.



Ultra-fine S7000 TMA  
RT to 800C @ 10C/min in air



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