

# DEVELOPMENTAL PRODUCT

## Silver Flake #120

### PRODUCT DESCRIPTION

Ultra-fine, high purity silver flake

### KEY FEATURES

- Good electrical and thermal properties
- Ultra-low viscosity in high solid loaded pastes
- Ultra-fine particle size
- High purity
- 1.0 mil. bond lines

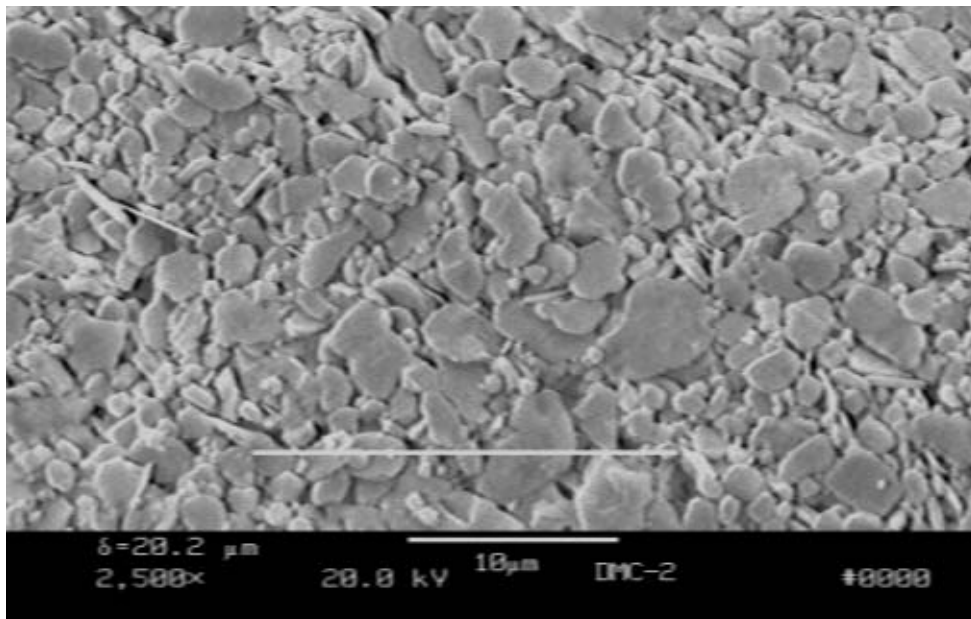
### APPLICATIONS

Conductive adhesives

### TARGET PROPERTIES

Product Code:	RDSF-120-	
Batch Number:	08016R-50	
<b>PHYSICAL DATA:</b>		
Tap Density	5.1	gms/cc
Fisher Sub Sieve Sizer	1.05	microns
Surface Area	0.83	m <sup>2</sup> /gm
<b>LOSSES:</b>		
110°C loss - 1 hour in air	0.00	%
538°C loss - ½ hour in air	0.31	%
<b>PARTICLE SIZE DISTRIBUTION:<sup>1</sup></b>		
95%	5.18	µm
90%	4.07	µm
50%	1.78	µm
10%	0.79	µm

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



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