

# E-Fill™ 2805

## 75% Nickel Coated Graphite Finest 75Ni / C25 – Conductive Grade

The shielding effectiveness of Sulzer Metco's E-Fill 2805 is comparable to that of silver plated materials at a fraction of the cost.

Sulzer Metco's specialized EMI/RFI shielding material, E-Fill 2805, is optimized for use in dispensed and screened applications where a higher nickel concentration is desired.

E-Fill 2805 excels in applications where coated flanges are used. The angular shape of E-Fill 2805 coupled with Sulzer Metco's proprietary hard nickel coating give gaskets the "bite" needed to ensure optimal electrical contact.

Sulzer Metco's aluminum compatible E-Fill 2805 offers enhanced galvanic corrosion resistance and stability in severe environments.

Screen Analysis	
Tyler Mesh Size	Typical Value % by Mass
+150	0 max.
+170	11
-325	> 75

Microtrac	
	Typical Value Microns (µm)
D10	25
D50	50
D90	90

**Volume Resistivity:** < 30 mΩ·cm (in silicon rubber)

**True Particle Density:** 5.0 g/cm<sup>3</sup> typical

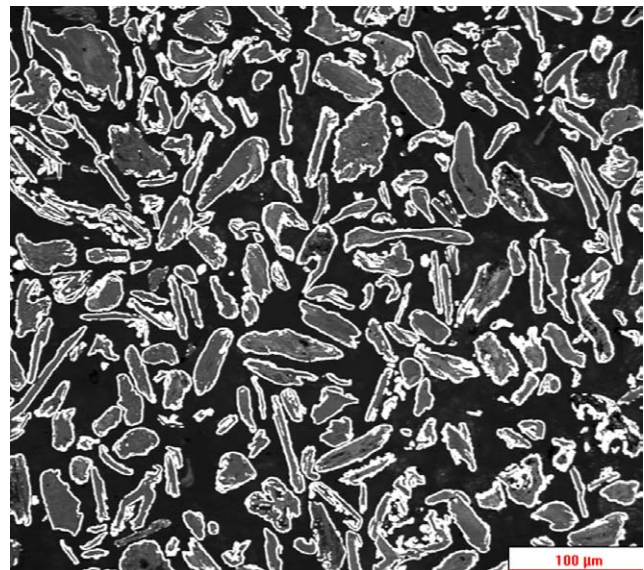
**Apparent Density**

**Hall (ASTM B212):** 1.4 to 1.7 g/cm<sup>3</sup> typical

**Standard Packaging:** 25 kg net in plastic pails



ISO 9001 and AS9100 Certified



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The Secret of Staying Ahead

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Information is subject to change without prior notice.