

E-Fill 2702

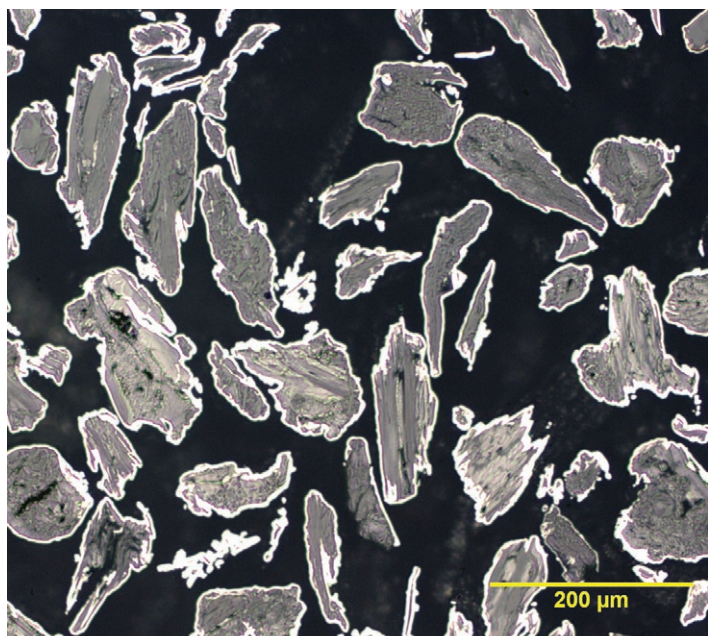
60 % Nickel Coated Graphite 60Ni / C40 — Special Conductive Grade

Oerlikon Metco's E-Fill™ 2702 is specially formulated to have at least 75 % of the particles sized in the -100/+200 mesh range for conductive applications that prefer this slightly larger size distribution.

The shielding effectiveness of E-Fill 2702 is comparable to that of silver plated materials at a fraction of the cost.

Oerlikon Metco's specialized EMI/RFI shielding material, E-Fill 2702, is optimized for use in extruded, molded and sheet gasket applications where a lower density filler is desired.

E-Fill 2702 excels in applications where coated flanges are used. The angular shape of E-Fill 2702 coupled with Oerlikon Metco's proprietary hard nickel coating give gaskets the "bite" needed to ensure optimal electrical contact.



Screen Analysis

Tyler Mesh Size	Typical Value % by Mass
+100	0
-100/+200	> 75
-200	17
-325	1

Microtrac

	Typical Value Microns (μm)
D10	77
D50	130
D90	185

Additional Information

Volume Resistivity	< 1.15 mΩ·cm
True Particle Density	4.0 g/cm ³ typical
Apparent Density Hall (ASTM B212)	1.3 g/cm ³ typical
Standard Packaging	25 kg net in plastic pails