

Angstrofine Graphite

Fine particle graphite for small, detailed electrodes

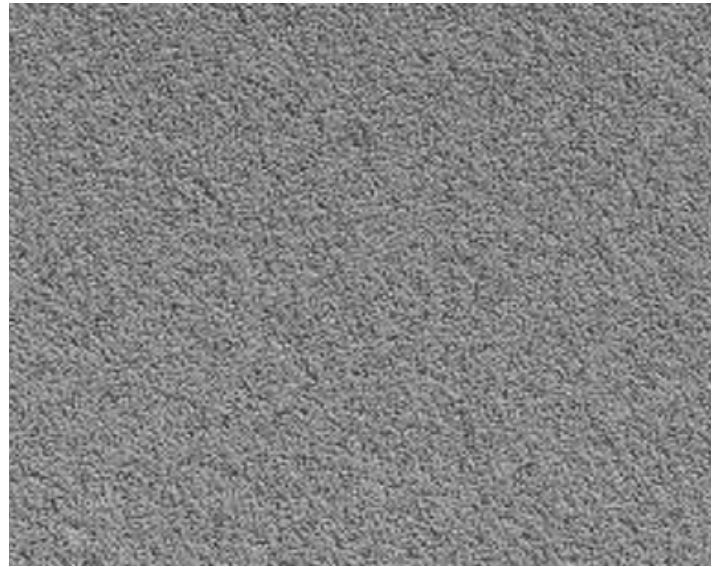
Each of our EDM graphite grades has been tailored for a specific range of electrode applications with benchmarked performance characteristics. Our graphite grades are available as billets, semi-finished rods, blocks, and plates.

EDM-AF5® graphite

EDM-AF5 is the premier graphite electrode material available on the market today with an average particle size of less than one micron. This particle structure has superior strength, provides for fine surface finish (7 μinR_a), and gives excellent metal removal rate and high resistance to wear.

APPLICATIONS

- Fine detailed electrodes for engraving
- Hard to machine detail
- Delicate and fragile electrodes
- Various type threading electrodes
- Jobs requiring fine surface finishes
- Intricate molds and dies



EDM-AF5 graphite

TYPICAL VALUE

Average particle size	<1 μm
Flexural strength	1,019 kg/cm^2 (14,500 psi)
Compressive strength	1,554 kg/cm^2 (22,100 psi)
Hardness	83 Shore
Electrical resistivity	21.6 $\mu\Omega\text{m}$ (850 $\mu\Omega\text{in}$)
Maximum block size	2" $\times$ 8" $\times$ 24"



FOR MORE INFORMATION

Please call our Customer Service Center today to learn what our premium graphite and silicon carbide solutions can do for you. Visit poco.entegris.com/contact-us for the location nearest you.

TERMS AND CONDITIONS OF SALE

All purchases are subject to Poco Graphite's Terms and Conditions of Sale. To view and print this information, visit poco.entegris.com/terms-and-conditions.



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