POCO EDM-Graphite Selection Guide

**AFS5**
- Typical Value: Average Particle Size: \(<1\) microns
- Typical Value: Average Particle Size: \(<3\) microns
- Typical Value: Average Particle Size: \(<5\) microns
- Typical Value: Average Particle Size: \(<7\) microns
- Typical Value: Average Particle Size: \(<10\) microns
- Typical Value: Hardness: 76 Shore
- Typical Value: Hardness: 83 Shore

**COPPER ULTRAFINE**
- Applications: Fine detailed electrodes where size is a factor
- Applications: Threading electrodes
- Applications: Plastic injection molds
- Applications: Machining electrodes

**ULTRAFINE GRAPHITE**
- Applications: Fine detailed electrodes requiring excellent surface finishes
- Applications: Punch or die sets
- Applications: Plastic injection molds
- Applications: Machining electrodes

**SUPERFINE GRAPHITE**
- Applications: Low voltage electrodes
- Applications: High quality large electrodes
- Applications: High current electrodes
- Applications: Cavitating applications

**COPPER SUPERFINE**
- Applications: Cutting application

**METAL REMOVAL RATE (MMR)**
- Applications: Machining electrodes

**WEAR RESISTANCE (WR)**
- Applications: Electrodes requiring extended surfaces finishes

**MATERIAL COST**
- Applications: Electrode material cost generally represents only a small part of the total EDM job cost. It is often overlooked, however, to what extent material cost considered outside the total job cost is completely meaningless.

**POCO TECHNICAL ASSISTANCE**
- Applications: POPO Technical Assistance provides all the essential information on electrode material selection. We also offer our Technical Advisory Service that includes a wide range of technical documentation, training material, and consultation services.

**POCO OFFICES**
- Applications: POPO Graphite, Inc. (USA) / POCO Graphite, Inc. (Hong Kong)
- Applications: POPO Graphite, Inc. (Shanghai, China)

**GRAPHIC STANDARDS**
- Applications: POPO's Advanced Technical Training (ATT) Program includes a wide range of technical documentation, training material, and consultation services.

**POCO EDM-Laboratory**
- Applications: POPO EDM-Laboratory can help solve production problems. They recreate the situation and evaluate ways to resolve problems.

**POCO EDM-Technical Assistance**
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