

OHIO CARBON BLANK, INC.

** MATERIAL APPLICATION INFORMATION **

AR-6

Grain Size: FINE
Wear Ratio: MEDIUM
Mat'l Strength: MEDIUM STRENGTH

- Roughing Electrodes
- Large Cavity Molds
- Forging Dies
- Large Die Casts
- Large Extrusion Dies

AR-8

Grain Size: FINE
Wear Ratio: GOOD
Mat'l Strength: HIGH STRENGTH

- Roughing Electrodes
- Injection Molds
- Forging Dies
- Die Casting
- Large Plastic Molds

AR-12

Grain Size: SUPERFINE
Wear Ratio: GOOD
Mat'l Strength: HIGH STRENGTH

- Large Injection Molds
- Die Cast Dies
- High Quality Forging Dies
- High Quality Roughing Electrodes
- Powdered Metal Molds

AR-14

Grain Size: ULTRAFINE
Wear Ratio: GOOD
Mat'l Strength: HIGH STRENGTH

- Finely Detailed Electrodes
- Plastic Injection Molds
- Threading Electrodes
- Deep Holes & Fine Ribs
- Ultrafine Surface Finishes

TTK-4

Grain Size: ULTRAFINE
Wear Ratio: BEST
Mat'l Strength: HIGH STRENGTH

- Finely Detailed Electrodes
- Plastic Injection Molds
- Threading Electrodes
- Deep Holes & Fine Ribs
- Ultrafine Surface Finishes

TTK-4C

Grain Size: ULTRAFINE
Wear Ratio: BEST
Mat'l Strength: HIGH STRENGTH

- Medical & Aerospace Applications
- Finely Detailed Electrodes
- Threaded Electrodes
- Deep Holes & Fine Ribs
- Ultrafine Surface Finishes

EDM-200

Grain Size: SUPERFINE
Wear Ratio: GOOD
Mat'l Strength: HIGH STRENGTH

- High Quality Roughing Electrodes
- Large Cavity Molds
- Large Forging Dies
- Large Blow Molds
- Large Die Casts

EDM-1

Grain Size: ULTRAFINE
Wear Ratio: MEDIUM
Mat'l Strength: MEDIUM STRENGTH

- High Quality Roughing Electrodes
- Low Wear Roughing Electrodes
- Large Injection Molds
- Large Forging Dies
- Large Die Casts

EDM-3

Grain Size: ULTRAFINE
Wear Ratio: BEST
Mat'l Strength: HIGH STRENGTH

- Finely Detailed Electrodes
- Ultrafine Surface Finishes
- Plastic Injection Molds
- Threaded Electrodes
- Punch & Die Sets

EDM-AF5

Grain Size: ANGSTROFINE
Wear Ratio: BEST
Mat'l Strength: HIGH STRENGTH

- Finely Detailed Electrodes
- Intricate Molds & Dies
- Fragile / Delicate Electrodes
- Engraving Electrodes
- Angstrofine Surface Finishes

EDM-C3

Grain Size: ULTRAFINE
Wear Ratio: BEST
Mat'l Strength: HIGH STRENGTH

- Medical & Aerospace Applications
- Finely Detailed Electrodes
- Intricate Molds & Dies
- Plastic Injection Molds
- Threaded Electrodes