



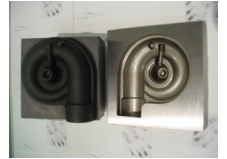
EDM Graphite Technical Data

General Grade

Application : Ideal for rough machining of plastic mold & die-casting tooling and also used for general finishing applications of large surface areas.

Surface Finish : 6.3µmRa, 250µinchRa, 36vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.80	12	56	400	39	13



General Grade

Application : Ideal for rough machining of plastic mold & die-casting tooling and also used for general finishing applications of large surface areas.

Surface Finish : 3.2µmRa, 125µinchRa, 30vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.85	11	58	510	50	11



Performance Grade

Application : Ideal for general mold tool applications where low wear and speed is required.

Surface Finish : 2.2µmRa, 88µinchRa, 27vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.83	12.5	62	550	54	7



High Performance Grade

Application : Ideal for general mold tool applications where low wear and high definition; and surface finishes are required.

Surface Finish : 1.6µmRa, 63µinchRa, 24vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.82	13.5	64	650	64	7

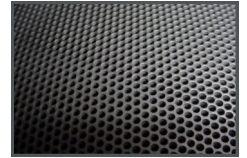


Precision Grade

Application : Ideal for high quality finishing of small to medium die-casting tools, high definition mold and press tools.

Surface Finish: 1.26µmRa, 52µinchRa, 22vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.86	12	60	660	66	6



High Precision Grade

Application : Ideal where high quality surface finishes and low edge wear are required for technical plastic mold dies and tools.

Surface Finish : 1µmRa, 40µinchRa, 20vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.82	16.5	72	670	66	4



High Precision Grade

Application : Superior grade of graphite for ultra high definition, excellent edge wear resistance and machining properties.

Surface Finish: 0.63µmRa, 25.2µinchRa, 16vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.84	15.5	78	900	88	2



Ultra High Precision Grade

Application : Unique grade of ultra fine graphite, incorporating high strength, low wear characteristics and excellent properties for high quality surface finishing.

Surface Finish : 0.63µmRa, 25.2µinchRa, 16vdi

Density (g/cm ³)	Specific Resistance (µΩm)	Shore Hardness	Flexural Strength		Avg. Grain Size (µm)
			(kgf/cm ²)	(MPa)	
1.86	12	68	870	85	3



Note : Copper impregnated material EC-15C & HK-6C also available.



Divisional Locations Within The USA

MWI Head Office

1269 Brighton Henrietta T.L. Road
Rochester, N.Y. 14623

800-966-4694 (Toll Free Cust # Only)
585-424-4200 (Phone)
585-424-1424 (Fax EDM Sales)
sales@mwi-inc.com (E-Mail)
www.mwi-inc.com

MWI Mid-West Division P-3

2720 Foundation Dr, Ste.B
South Bend, IN, 46628

866-694-2760 (Toll Free Cust # Only)
574-288-6573 (Phone)
574-288-6573 (Fax)
sales@mwi-inc.com (E-Mail)

MWI North-East Division P-2 MWI South-West Division

61 Industrial Lane
Agawam MA,01001

413-301-9017 (Phone 1)
413-30109018 (Phone 2)
413-304-2123 (Fax)
sales@mwi-inc.com (E-Mail)

2603 Southwell Road Ste # 105
Dallas TX 75229

972-247-3083 (Phone)
972-247-7165 (Fax)
rjones@mwi-inc-com (E-Mail)

Electro-Tech Machining

2000 W Gaylord St
P.O. Box 1208
Long Beach CA, 90813

562-436-9281 (Phone)
972-437-5421 (Fax)
KevinA@ETM-LB.com (E-Mail)
www.etmgraphite.com