

OHIO CARBON BLANK, INC.

** MATERIAL SPECIFICATIONS **

MATERIAL GRADE	PARTICLE SIZE (inches)	APPARENT DENSITY (g/cm ³)	SHORE HARDNESS (shore)	ELECTRICAL RESISTANCE (Ω - inch)	FLEXURAL STRENGTH (lbs/in ²)	COMPRESSIVE STRENGTH (lbs/in ²)	TENSILE STRENGTH (lbs/in ²)
UT-3	0.00040	1.70	50	0.00053	5,300	10,000	3,445
AR-6	0.00047	1.76	55	0.00050	6,500	14,300	4,225
AR-8	0.00047	1.80	65	0.00049	7,500	16,500	4,875
AR-12	0.00031	1.78	63	0.00053	7,540	15,400	4,901
AR-14	0.00019	1.86	80	0.00050	11,000	24,200	7,150
TTK-4	0.00020	1.78	72	0.00055	10,600	19,600	6,890
TTK-4c	0.00016	2.90	60	0.00010	15,500	28,000	10,075
EDM-200	0.00039	1.66	68	0.00057	8,100	14,000	5,265
EDM-1	0.00019	1.66	69	0.00076	9,700	14,200	6,305
EDM-3	0.00019	1.81	73	0.00061	13,300	18,100	8,645
EDM-AF5	0.00004	1.80	83	0.00085	14,500	22,100	9,425
EDM-C3	0.00019	3.05	66	0.00013	20,300	28,350	13,195

* Please note that UT-3 is a non-EDM grade material

GRAIN SIZES:	
(ACCORDING TO POCO)	
< 1 μ	Angstrofine
1 μ - 5 μ	Ultrafine
5 μ - 10 μ	Superfine
10 μ - 15 μ	Fine
15 μ - 20 μ	Medium
> 20 μ	Coarse

1 inch (in) = 25,400 micron (μ)

The specification information within this chart is typical from the manufacturer and is subject to minor changes.