

Graphite POCO 2 & POCO 3

Grades and Technical Property Data

Grade	Density (g/cm ³)	Resistivity (μΩm)	Hardness (Shore)	Flexural Strength (kgf/cm ²)	Flexural Strength (MPa)	Avg Grain Size (μm)
EC-4	1.80	12	56	400	39	13
EC-12	1.85	11	58	510	50	11
EC-14	1.83	12.5	62	550	54	7
EC-15	1.82	13.5	64	650	64	POCO 2 7
HK-20	1.86	12	60	660	66	
EC-16	1.83	16.5	72	670	66	4
EC-17	1.84	15.5	78	900	88	POCO 3 2
HK-6	1.86	12	68	870	85	
EC-15C	2.79	2.3	67	790	77	7
HK-6C	2.68	4.3	74	1'274	125	3

Applications Guide

VDI	45	43	41	39	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14
Ra (μm)	18	14	11.1	9	6.3	5.6	5	4.5	4	3.5	3.2	2.8	2.5	2.2	2	1.8	1.6	1.4	1.26	1.12	1.01	0.81	0.72	0.63	0.6	0.56	0.5
Ra max (μm)	113	88	70	57	40	35	32	29	25	22	20	18	16	14	13	12	10	9	8	7	7	6	5	4	4	4	3
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HK-6																											
EC-17																											



Raw Stock



Ground Blanks



Pre-Turned Diameters



Finished Blanks

We also offer full Electrode Machining facilities from all file Formats or we can Design and Model if required.