


**Pingdingshan Wanhui Graphite Co., Ltd**

Grade and Reference Technical Index

Grade	Density	ER	Thermal Conductivity (100℃)	CTE (The temperature-600℃)	Shore Hardness	Flexural Strength	Compressive Strength	Porosity	Ash	Partical Size	Reference Usage
	g/cm <sup>3</sup>	μΩm	W/m . k	10-6/℃	HSD	Mpa	Mpa	%	PPM	micron	
WH-4	1.78	8~11	115	5.46	42	38	65	17	50	13~15	General
WH-4B	1.76	13~15	125	5.65	64	45	95	13	100	13~15	EDM
WH-4L	1.80	8~11	125	4.9	45	40	70	16	500	13~15	General
WH-4H	1.80	11~13	130	5.7	65	48	110	16	500	13~15	General
WH-5	1.85	8~10	135	4.75	48	46	85	13	50	13~15	General
WH-6	1.90	8~10	135	5.1	53	55	95	11	50	8~10	Continuous Casting, Sintering, High-temperature Smelting
WH-7	1.80	11~13	115	5.6	65	51	115	12	50	8~10	EDM, Photovoltaic
WH-8	1.90	11~13	115	5.85	70	60	135	11	50	8~10	Glass,EDM, Photovoltaic
WH-8S	1.90	11~13	100	6.2	72	73	162	11	50	5	Glass,EDM, Photovoltaic
WH-9	1.85	11~13	100	5.8	70	65	140	11	50	6~8	Glass,EDM, Photovoltaic
WH-10	1.70	13~14	90	5.6	51	38	86	18	50	13~15	EDM
WH-10L	1.80	12~15	119	5.89	70	55	125	14	100	7~9	EDM
WH-10H	1.83	12~15	110	5.8	70	60	140	14	100	6~8	EDM
WH-12	1.78	12~15	116	5.3	66	65	110	17	100	7~9	EDM
WH-100	1.91	10~13	132	4.65	76	80	175	10	50	6~8	EDM,Sintering,
WH-900	1.85	8~9	145	4.2	50	48	87	13	30	5-7	Semiconductor
WH-960	1.79	8~11	100	4.9	55	58	101	14	20	5-7	Semiconductor
WH-800	1.85	11~13	95	6.0	70	70	140	15	50	5-7	3D Hot bending glass die
WH-860	1.82	12~15	90	6.2	70	65	130~150	13~14	50	5-7	3D Hot bending glass die

**NOTE:** 1.Product performance is an indicator of product center location

2.The porosity is the sum of the open porosity and the closed porosity

3.Updated Date: 2023/5/1