



Tennry
FEISHINE

Isostatic graphite technical data

指标 Index	单位/Unit	FSDK-4	FSDK-6	FSDK-6S	FSDK-7	FSDK-8	FSDK-9	FSDW-7	FSDW-8
体积密度 Bulk density	g/cm ³	1.72	1.81	1.86	1.83	1.86	1.9	1.85	1.91
电阻率 Electric resistivity	μΩ·m	10-13	11-14	10-13	11-14	10-14	10-14	11-13	11-13
抗压强度 Compressive strength	Mpa	65	90	100	110	120	125	115	135
抗折强度 Flexural strength	Mpa	30	45	48	50	55	60	51	60
肖氏硬度 Shore hardness		40	60	65	67	72	75	65	70
灰分/纯化 Ash content/ purification	ppm	500/50	500/50	500/50	500/50	500/50	500/50	500/50	500/50
平均粒度 Average granularity	μm	25	12	12	8	6	2-4	8-10	8-10
热膨胀系数 Coefficient of thermal expansion	× 10 ⁻⁶ /°C	5	4.5	4.2	3.8	4	3.9	5.6	5.85
弹性模量 Young's modulus	Gpa	9.2	10.5	11	11	12	12	11	12
用途 Applications		真空炉 烧结 > Vacuum furnace > Sintering	光伏 真空炉 > Photo- voltaic > Vacuum furnace	光伏 真空炉 熔金坩埚 > Photo- voltaic > Vacuum furnace > Melting gold crucible	电火花 > EDM	电火花 熔金坩埚 > EDM > Melting gold crucible	电火花 熔金坩埚 > EDM > Melting gold crucible	电火花 光伏 > EDM > Photo- voltaic	电火花 光伏 > EDM > Photo- voltaic

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