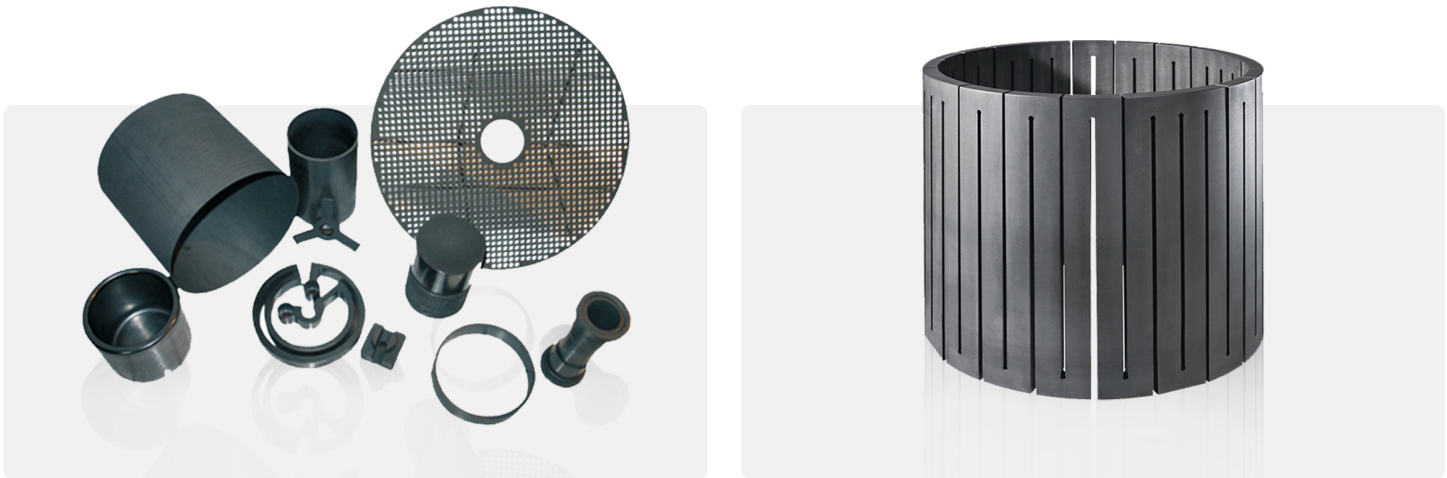


ISOSTATIC GRAPHITE



Product Description

Isostatic pressure isotropic graphite is made of high-quality asphalt coke, petroleum coke as raw material and pitch as binder by grinding, batching, mixing, secondary grinding, isostatic pressing molding, baking, impregnation, graphitization, purification and other processes. It has the characteristics of good isotropic, fine and uniform structure, high mechanical strength, good high temperature resistance, strong chemical corrosion resistance, good electrical and thermal conductivity and excellent machining performance, widely to be used in solar photovoltaic, semiconductor, metal continuous casting, precious metal smelting, and other industries.

Technical Specification of Isotropic Graphite

Trademark	≥g/cm ³	uΩ·m	W/m · k	×10 ⁻⁶ / °C	HSD	MPA	MAP	GPA	PPM	um
YTS-1	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTS-2	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTS-3	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTS-4	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTS-5	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTS-6	1.78	13-18	70	5.0	65	≥45	≥95	11.0	≤200	15
YTE-1	1.82	13-16	76.9	5.0	75	≥80	≥165	11.0	≤100	5
YTE-2	1.78	13-16	76.9	5.0	75	≥80	≥165	11.0	≤100	7
YTE-3	1.80	13-16	76.9	5.0	75	≥80	≥165	11.0	≤100	10
YTI-1A	1.85	10-13	133	4.8	60	≥45	≥90	11.5	≤300	20
YTI-1B	1.80	11-13	121	4.8	55	≥40	≥86	10	≤300	20
YTI-1C	1.80	11-15	120	5.0	58	≥47	≥88	11.6	≤300	20
YTI-1D	1.75	11-15	108	4.8	54	≥40	≥82	10.5	≤300	20
YTI-4S	1.80	12.5	121	4.7	55	≥37	≥80	11.5	≤500	20
YTI-5L	1.85	11.5	140	4.8	62	≥47	≥95	11.5	≤400	20
YTI-8L	1.80	11.0	130	4.3	50	≥40	≥86	12.5	≤400	20
YTI-9L	1.88	13.0	120	5.0	65	≥50	≥105	9.5	≤500	20
EDM-9	1.90	14.0	85	6.8	90	80	160	14.0	5	6

Technical Specification of Isotropic Graphite

Trademark	$\geq \text{g/cm}^3$	$\mu\Omega\cdot\text{m}$	$\text{W/m}\cdot\text{k}$	$\times 10^{-6} / ^\circ\text{C}$	HSD	MPA	MAP	GPA	PPM	μm
EDM-10	1.83	12.0	100	5.3	66	52	110	12.5	500	10
EDM-80	1.75	13.0	100	6.0	60	50	100	10.0	500	10
EDM-60	1.88	13.0	120	6.0	75	80	160	12.5	500	6
M32	1.86	14.0		5.5	95	80	165	13.5		3
M33	1.72	20.0		6.0	85	65	155	12.0		3
YTI-2G	1.80	12.0	121	4.5	55	40	86	10.0	20	15
YTI-3G	1.85	12.0	133	5.2	60	45	90	11.5	20	15
YTI-47G	1.85	12.0	116	4.8	65	48	102	12.2	20	15
YTI-S1	1.80	12.5	105	4.5	58	45	90	10.0	5	10
YTI-S2	1.82	11.0	120	4.8	55	50	105	10.0	5	10
YTI-S3	1.78	11.0	120	3.8	55	40	85	10.0	5	10

Product Specifications

Round	$\varnothing 1250 \times 900\text{mm}$, $\varnothing 1100 \times 1100\text{mm}$, $\varnothing 1100 \times 800\text{mm}$, $\varnothing 985 \times 1100\text{mm}$, $\varnothing 985 \times 850\text{mm}$, $\varnothing 300\text{-}\varnothing 450 \times 450\text{mm}$, $\varnothing 480 \times 500\text{mm}$, $\varnothing 520 \times 600/700\text{mm}$, $\varnothing 585 \times 600\text{mm}$, $\varnothing 640 \times 630\text{mm}$, $\varnothing 650 \times 700\text{mm}$, $\varnothing 680 \times 650\text{mm}$, $\varnothing 700 \times 700\text{mm}$, $\varnothing 750 \times 700/750\text{mm}$, $\varnothing 825 \times 700\text{mm}$, $\varnothing 890 \times 700\text{mm}$.
Square	$720 \times 700 \times 2200\text{mm}$, $310 \times 610 \times 1250\text{mm}$, $310 \times 610 \times 1250\text{mm}$, $310 \times 610 \times 1250\text{mm}$, $400 \times 400 \times 400/500/600\text{mm}$, $1000 \times 500 \times 300\text{mm}$, $1000 \times 300 \times 200\text{mm}$, $1300 \times 620 \times 400\text{mm}$, $1600 \times 600 \times 400\text{mm}$, $2000 \times 600 \times 400\text{mm}$.

Note

1. We can produce isostatic graphite products of different specifications and performances according to user needs.
2. The numerical values are representative characteristics, not guaranteed values.
3. The above standard dimensions are tolerance dimensions.

YT GRAPHITE