

Technical index of Special high purity graphite :

Item	Unit	Technical index of	Item	Unit	Technical index of	Item	Unit	Technical index of
Fixed CarbonC	%	≥99.9	Pb	PPm	≤0.1	Bi	PPm	≤0.05
MoistureH2O	%	≤0.2	Al	PPm	≤20	Zn	PPm	≤0.5
M o	PPm	≤0.1	Mn	PPm	≤1	SO42-	PPm	≤50
Fe	PPm	≤20	Si	PPm	≤10	F-	PPm	≤15
Cu	PPm	≤0.8	Ni	PPm	≤0.1	Cl-	PPm	≤15
Co	PPm	≤2	Mg	PPm	≤30	Apparent gravity	g/cm3	0.24±0.02
Cr	PPm	≤1	Ca	PPm	≤35	Amount of gas evolved	ml/g5d	≤0.2
Cd	PPm	≤0.01	Ti	PPm	≤1.5	Particle Size(-45μm)	%	≥90

high-purity-strength-density-graphite



Bulk Density(g.cm3)	≥ 1.9
Ash Content(PPM)	≤ 1000
Shore Hardness	≥ 50
Specific Resistance($\mu. \Omega. m$)	≤ 8
Flexural Strength(MPa)	≥ 45
Compressive Strength(MPa)	≥ 85
Max. Grain Size(μm)	
Coefficient of Thermal Expansion Mm/ $^{\circ}C$	$\leq 4.4 * 10^{-6}$
Spec	600mmx500mmx2200mm
Spec	820mmx410mm

Carbon felt



Material	RCF
Bulk Density g/cm^3	0.10-0.12
Carbon %	≥ 98.5
Thermal Conductivity $1150^\circ\text{C} \frac{\text{W}}{\text{m}} \cdot \text{k}$	0.08 – 0.15
Tensile Strength (Mpa)	0.13
Crushing stress at 10% compression N/cm^2	6-10
Ash %	≤ 0.05
Processing temperature	1200°C
Operating Condition	In the air $\leq 400^\circ\text{C}$
	in the vacuum $\geq 1500^\circ\text{C}$
	In the inert atmosphere $\geq 2300^\circ\text{C}$
Spec	Length(m)
	Wide(mm)
	Thickness(mm)
	17
	1200
	8

Expandable graphite 20 tons

Expandable graphite



Grade	Specification (Mesh)	Expansion Rate(ml/g)	PH Value	Volatility (%)	Moisture (%)	Carbon Content (%)	Particle size (%)		Sulfur Content (%)	Expanding Temperature
							Over screen	Under screen		
High Purified Carbon Expandable	80 mesh	200	5	≤ 15	≤ 1	≥ 99.8	≥ 80		≤ 2.5	≥ 950°C

Graphite										
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Graphite Electrode 200 tons





Type	Diameter	Property	Specific resistance		Transvers strength		Elastic modules		Ash content		Bulk density		(C.T.E)	
			Electrode	Ni pples	Electrode	Ni pples	Electrode	Ni pples	Electrode	Ni pples	Electrode	Ni pples	Electrode	Ni pples
			$\mu\Omega M$		Mpa		Gpa		%		g/cm^3		$10^{-6}/^{\circ}C$	
HP Graphite Electrodes	Φ480	YB	7.5	6.3	10.8	15.0	12.0	16.0	0.3	0.3	1.65	1.74	2.3	2.1
UHP Graphite Electrodes	Φ350	YB	6.2	5.5	10.5	16.0	14.0	18.0	0.3	0.3	1.64	1.70	1.5	1.4
	Φ480	YB	5.8	4.3	11.0	20.0	14.0	18.0	0.3	0.2	1.68	1.78	1.5	1.3

SIZE OF 3TPI TAPER-THREAD NIPPLES AND SOCKETS

Nominal Diameter		Size of Nipple							Size of Socket			Thread (mm)
mm	inch	D		L		D2		I	D1		H	
400	16	241.30	0-0.5	338.70	0-1	169.80	0-5	<10	232.87	+0.50	175.30	8.47

How are these priced? Port is Monaco, how long will it take to have them delivered? How do I verify the quality?