

ssc-3 Cathode Blocks

Shanxi Jinyang Graphitic Cathode Blocks



		Typical	Standard Deviation
Apparent Density: <i>ISO 12985.1</i>	..... kg/m ³	1600	20
	..... lbs/cu.ft.	100	1.5
Real Density: <i>ISO 21687</i>	..... kg/m ³	1960	30
	..... lbs/cu.ft.	123	2.0
Open Porosity: <i>ISO 12985.2</i>	..... %	13.8	1.0
Specific Electrical Resistivity: <i>ISO 11713</i> 20°C (68°F)	..... μΩm	32.0	2
Compressive Strength: <i>ISO 18515</i>	..... MPa	35	3
	..... lbs/sq.in.	5076	435
Flexural Strength: <i>ISO 12986.1</i>	..... MPa	9.5	1.5
	..... lbs/sq.in.	1380	220
Ash Contents: <i>ISO 8005</i>	..... %	3.5	0.5
Thermal Conductivity: <i>ISO 12987</i> 20-60°C (68-140°F)	..... W/m K	15.0	2
Coefficient of Thermal Expansion: <i>ISO 14420</i>	..... 10 ⁻⁶ /k	3.5	0.2
Sodium Expansion: <i>ISO 15379.1</i>	..... %	0.8	
Raw Materials:			
	Electro-calcined Anthracite %	70	
	Graphite Scraps %	30	
Dimensional Tolerances:	Length mm	± 2.0	
	Width mm	± 1.5	
	Height mm	± 1.5	
	Slots for collector bars: (All directions)..... mm	± 1.0	

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Max. Sizes Cathode Blocks:	Length	mm	3800
	Width	mm	750
	Height.....	mm	750

HS Tariff Number: 85451900
 (Harmonized Commodity Description and Coding System)

Packing: All **cathode blocks** are packed on pallets, wrapped in plastic foil and packed on wooden pallet and in crates reinforced by steel straps according to International standards.

All blocks are produced by the vibration/compaction production method.

Measurements are made parallel to pressing direction.

Blocks can be supplied in strict accordance with customer's drawings and specifications.

The values as per this data-sheet are based upon typical, average test results.

No warranty or guarantee is implied on the data which are given in good faith.

simonsen a/s
 Møgelvangs Plads 7
 DK-7900 Nykøbing Mors
 DANMARK

Producer:
Shanxi Jinyang Carbon Co., Ltd.
 Lingshi County, Shanxi Province
 P.R. of China

**An ISO-9001, ISO-14001:2004 and
 OHSAS 18001:1999 certified company**

