

# ssb-30

## Sidewall Blocks

Shanxi sidewall blocks



**simonsen®**

		Typical	Guaranteed	Standard Deviation
<b>Apparent Density:</b> <i>ISO 12985</i>	..... kg/m <sup>3</sup> ..... lbs/cu.ft.	1580 98	1560 97	20
<b>Real Density:</b> <i>ISO 21687</i>	..... kg/m <sup>3</sup> ..... lbs/cu.ft.	1950 121	1920 120	30
<b>Open Porosity:</b> <i>ISO 12985</i>	..... %	17.55	18.00	0.45
<b>Total Porosity:</b>	..... %	18.97	18.75	0.22
<b>Electrical Resistivity:</b> <i>ISO 11713</i> 20°C (68°F)	..... μΩm	37.8	40.0	2.2
<b>Compressive Strength:</b> <i>ISO 18515</i>	..... MPa ..... lbs/sq.in.	34.0 4930	32.0 4640	2.0
<b>Flexural Strength:</b> <i>ISO 12986</i>	..... MPa ..... lbs/sq.in.	8 1160	7 1015	1.0
<b>Ash Content:</b> <i>ISO 8005</i>	..... %	3.8	4.0	0.20
<b>Thermal Conductivity:</b> <i>ISO 12987</i>	..... W/mK	12.0	10.8	1.2
<b>Coefficient of Linear Thermal Expansion:</b> <i>ISO 14420</i> 20-200°C	..... 10 <sup>-6</sup> /k	3.8	4.0	
<b>Sodium Expansion:</b> <i>ISO 15379</i>	..... %	0.6	0.8	0.2

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<b>Raw Materials:</b>	Electro-calcined Anthracite..... %	70	-
	Gas-calcined Anthracite ..... %	-	-
	Graphite scraps ..... %	30	-

<b>Dimensional Tolerances:</b>	Length ..... mm	± 3	± 3
	Width ..... mm	± 2	± 2
	Thickness ..... mm	± 2	± 2

<b>Max. sizes:</b>	Length ..... mm	700
	Width ..... mm	400
	Thickness ..... mm	90-200

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

**Packing:** **ssb-30 sidewall** blocks are packed on double-deck pallets with cardboard protection on all 4 sides and top, nylon straps and plastic foil.

All sidewall blocks are produced by the extrusion production method.

Sidewall 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**  
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 DANMARK



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

An ISO-9001, ISO-14001:2015 and  
 ISO 45001:2018 certified company

