

# Cold Ramming Paste

## SRP-12

	Typical Value	Guaranteed Value
<b>BEFORE BAKING (Tamping Test)</b>		
<b>Apparent Green Density:</b> .....kg/m <sup>3</sup> <i>ISO 14427</i>	1570	≥ 1550
<b>Max. size of aggregate:</b> .....mm	10	≤ 10
<b>Rammability:</b> .....°C <i>ISO 17544</i>		17-42
<b>AFTER BAKING</b>		
<b>Baking loss:</b> .....% <i>ISO 20202</i>	9.5	≤ 10.5
<b>Expansion / Shrinkage:</b> .....% <i>ISO 14428</i>	0.15	≤ 0.2
<b>Thermal Expansion (20-950°C):</b> ..... 10 <sup>-6</sup> /K <i>ISO 14420</i>	4.0	≤ 4.5
<b>Baked Density:</b> .....kg/m <sup>3</sup> <i>ISO 20202</i>	1470	≥ 1420
<b>Open Porosity:</b> .....% <i>ISO 12985-2</i>	22	≤ 23
<b>Compressive Strength:</b> ..... MPa <i>ISO 18515</i>	18	16-21
<b>Specific Electrical Resistivity:</b> ..... μΩm <i>ISO 11713</i>	60	≤ 75

<b>Ash Content:</b> ISO 8005	.....%	4.5	≤ 5.5
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<b>Thermal Conductivity:</b> ISO 12987	@ 600°C.....W/mK	7.0	≥ 6.0
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**GENERAL BAKING CONDITION:**

Room temperature to 500°C .....	35° ± 5°C/hour
500-1000°C .....	100° ± 10°C/hour
Soaking at 1000°C .....	For 2 hours

<b>Shelf life:</b>	Max. months:	12
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<b>Storage:</b>	Keep in house, sealed, avoid direct sunshine and not higher than ≤30°C
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<b>HS Tariff Number:</b> (Harmonized Commodity Description and Coding System)	.....	38013000
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<b>Packing:</b>	- In one ton big bag then onto wooden pallet / case
	or
	- according to customer's requirement

Cold Ramming Paste is ideal for filling voids in carbon blocks bottom.

**simonsen a/s**

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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**

