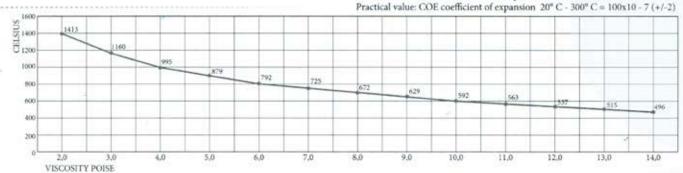
CRISTALICA*...

Premium Glass Nuggets 100

Chemical Analysis

SiO ₂	Na ₂ O	K ₂ O	CaO	BaO	A1,O,
69,0% - 71,5%	12,5% - 12,9%	5,0% - 5,5%	4,0% - 4,5%	2,5% - 3,0%	1,1% - 1,5%
B_2O_3	ZnO	SO ₃	Sb ₂ O ₃	Li ₂ O	Er ₂ O ₃
1,0% - 1,5%	0,6% - 1,3%	0,21% - 0,31%	0,2% - 0,5%	0,06% - 0,10%	0,03% - 0,05%

Theoretical value: COE coefficient of expansion 96x10-7 (+/-2)



CELSIUS 1413 1271 1160 995 879 792 725 692 672 629 593 563 550 537 515 508 495 486
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Cristalica100 is pre-molten, which means you do not need to bring the glass to a very high temperature in order to obtain a clear glass.

The working temperature, based on the products that you are creating, will be adapted to a level between 1130-1160 degrees Celsius.

Reheating or

After you have finished work you can directly place the glass nuggets into the furnace. Keep the glass over night at a temperature of 1150-1200 degrees. In some furnaces, it is recommended to reduce the temperature to 1050 degrees, after which you may raise it up again to your working temperature. You can fill up the crucible in one inlay or divide the amount into three equal parts. This choice depends on the total amount used, as well as on the type of furnace you have.

We recommend a daily fill-up of the furnace with the total amount you need to use the following day.

In the case that you want to add glass cullet from your own production, please introduce it in the furnace with the first inlay of nuggets, because the cullet will create small air bubbles when melted, which will not rise to the surface as fast as the larger air bubbles from in between our nuggets.

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Temperature		Time	
Minimum	Maximum		
1100	1150	16:00	Working temperature
1150	1190	17:00	
1150	1190	18:00	
1150	1190	19:00	
1150	1190	20:00	
1150	1190	21:00	
1150	1190	22:00	Remelt temperature
1150	1190	23:00	can be same as
1150	1190	0:00	Working temperature
1150	1190	01:00	
1150	1190	02:00	
1150	1190	03:00	
1100	1150	04:00	
1050	1100	05:00	Possibly squeeze the glass under 1050
1050	1100	06:00	100000000000000000000000000000000000000
1100	1150	07:00	Raise temperature slowly

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Degrees per Hour	Degrees down from last temperature	Minutes per step	Celsius
0	HOLD	30	510
22,66667	34	90	476
31,33333	94	180	416
40	80	120	336
53,33333	160	180	180
		600	
			Suitable for blown glass up to 25mm

Any technical questions are welcome, we intend to answer within 12 hours, do not hesitate to contact us.