

## **Technical Information**

## Water-insoluble sodium carboxymethyl cellulose SUNROSE® SLD SERIES - Improve the quality of gluten free bread -

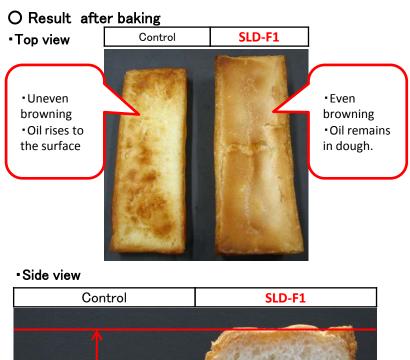
Sunrose SLD is slightly carboxymethylated cellulose; this type of CMC presents properties of both powdered cellulose and CMC. The carboxymethylated portion of SLD absorbs water and swells (gelling, because of its water-insoluble characteristics). It's an effective substitute in gluten free applications.

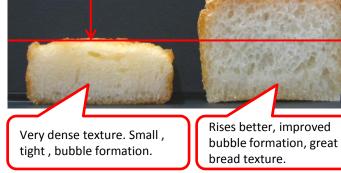
## OTest

Ingredients	Control	SLD-F1
Cornstarch	50.00%	50.00%
Rice powder	30.00%	30.00%
Tapioca starch	10.00%	10.00%
Sweet potato starch	10.00%	10.00%
Sugar	9.00%	9.00%
Salt	2.00%	2.00%
Yeast	3.50%	3.50%
SLD-F1	_	3.00%
Olive oil	4.00%	4.00%
Water	100.00%	100.00%

## **OProcess** conditions

Mixing:L3M2H1	
Floor time:30minutes (temperature:35°C, humidity:85%)	
Re-mixing:L1M1	
Portion: 300g	
Proofing:60minutes (Temperature:35°C, humidity:85%)	
Baking:170°C 25minutes 160°C 10minutes	





- Baking color is even. No oily outer coating.
- Increased volume when used with proofing and baking.
- Successful bubble formation and uniform distribution.

For more details on our products, please contact: **Nippon Paper Industries Co.,Ltd.** < http://www.npchem.co.jp/form/index.html >

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