

area, determined by the BET method, of less than
0.5 m²/g, preferably of between 0.3 and 0.5 m²/g, said
specific surface area being measured on a fraction of
250 μm to 841 μm, the percentages being expressed by
5 weight relative to the total weight of the chewing gum
composition used, said bulking agent being sorbitol.

After numerous research studies, the applicant has
10 found that, surprisingly and unexpectedly, it is
possible to obtain a chewing gum which has all the
organoleptic characteristics of a prior art chewing

CLAIMS

1. A chewing gum composition characterized in that it comprises between 30% and 70% by weight of a bulking agent other than maltitol having a specific surface area, determined by the BET method, of less than 0.5 m²/g, preferably of between 0.3 and 0.5 m²/g, said specific surface area being measured on a fraction of 250 μ m to 841 μ m, the percentages being expressed by weight relative to the total weight of the chewing gum composition used, said bulking agent being sorbitol.

2. The chewing gum composition as claimed in the preceding claim, characterized in that the bulking agent has a specific surface area, determined by the BET method, of less than 0.5 m²/g, preferably of between 0.2 and 0.45 m²/g, and preferably between 0.1 and 0.3 m²/g, said specific surface area being measured on a fraction of 250 μ m to 841 μ m.

3. The chewing gum composition as claimed in claim 1, characterized in that it comprises a bulking agent having a porosity of less than 0.0085 ml/g, preferably less than 0.0080 ml/g and even more preferentially less than 0.0070 ml/g.

4. The composition as claimed in claim 1, characterized in that it comprises between 40% and 60%, and even more preferentially between 45% and 55% of bulking agent, the percentages being expressed by weight relative to the total weight of the chewing gum composition used.

5. The composition as claimed in claim 1, characterized in that the bulking agent is a pulverulent composition chosen from non-cariogenic carbohydrates, and/or fibers and/or monosaccharides and/or any mixtures thereof.

6. The composition as claimed in the preceding claim, characterized in that the bulking agent is chosen from non-cariogenic carbohydrates, and preferably from polyols and/or allulose and/or any mixtures thereof.

7. The composition as claimed in the preceding claim, characterized in that the bulking agent is chosen in particular from the group comprising sorbitol, xylitol, erythritol, isomalt, isomaltitol, lactitol, alpha-D-glucopyranosyl-1,6-sorbitol (= 1,6-GPS), alpha-D-glucopyranosyl-1,1-mannitol (= 1,1-GPM), alpha-D-glucopyranosyl-1,1-sorbitol (= 1,1-GPS) and mixtures thereof.

8. The composition as claimed in the preceding claim, characterized in that the bulking agent is sorbitol having a purity of greater than 95% by dry weight of sorbitol.

9. The chewing gum composition as claimed in claim 1, characterized in that it comprises:

- from 10% to 28%, preferentially from 15% to 25%, and even more preferentially 20%, of at least one gum base,
- from 30% to 70%, preferably from 40% to 60%, and even more preferentially from 45% to 55%, of a bulking agent other than maltitol having a low specific surface area, i.e. less than $0.5 \text{ m}^2/\text{g}$, measured on a fraction of 250 μm to 841 μm ,
- from 0.1% to 5%, preferentially from 0.5% to 3%, and even more preferentially from 1% to 1.8%, of at least one flavoring,

the percentages being indicated by dry weight relative to the total dry weight of said composition.