

Emilio
Castelli
Neutral Pellets & Globules

Via Nazionale dei Giovi 9
20813 Bovisio Masciago (MB)
Italy

Company Profile

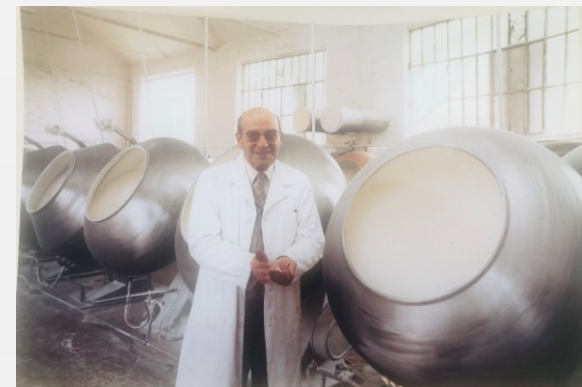
About Us

Our Beginning

In 1951 Mr. Emilio Castelli started producing *Confetti* guided by tradition, quality and passion.

Confetti are Jordan Almonds, sugar coated almonds covered in a smooth white or coloured coating. Originating in Italy, five sugar almonds were traditionally given to guests at weddings representing health, wealth, happiness, fertility and long life. Now, they are used widely in bombonieres in weddings and christenings or simply enjoyed as a sweet treat. The **shop** still operates to cherish the value our family tradition.

At the end of the 60s, a pharmaceutical company asked Mr. Emilio Castelli to produce white sugar candies and just like that the factory started to produce Sugar Spheres and *confetti*. Due to cross contamination and even more strictly regulation on pharma sector, **in 1985** the factory focused on the pharma products producing only **sugar spheres**.



About Us

Since 1968 we provide high quality Sugar Spheres for the pharmaceutical industry.

Sugar Spheres are also known as Neutral Pellets, Neutral Cores, Non Pareil Seeds, Microgranules, Sugar Beads and Microspheres.

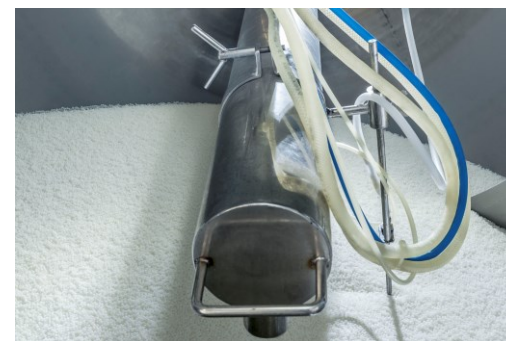
Thanks to our expertise and best technologies for coating processes including "Air Spraying Systems", we guarantee high sphericity and mechanical endurance, which are key parameters for the production and high performance of the finished medicine.

Our professional expertise is recognized world-wide.

The export represents 80% of the turnover, and is mostly concentrated in Europe, India, South America and Asia.

Our company is oriented to a very high level production and at the same time to be a flexible structure. We are **ISO9001:2015** and **IPEC PQG GMP 2017** certified. DMF and cDMF available.

The customer's satisfaction is our priority!



Products

Sugar Spheres



Sugar spheres can be used as neutral starter core for slow release formulations filled in capsules or compressed in tablets. The spherical shape is an advantage for any coating process. The use of sugar spheres is highly appropriate especially for combination drugs.

Our excipients are the most effective solution to allow the use of several different API at the same time.

We are able to supply a first quality product with natural ingredients which can also be customized to suit specific requirements of any pharmaceutical industry.



Our **Sugar Spheres** meet all specifications as outlined in the USP/NF, JP, ChP and in the EP current edition. Sizes ranging from 1700 to 200 micron can be sieved with ISO or ASTM standard.

Sugar Spheres



Special size and mixtures are also possible

Products

Mesh	Particle size range (µm)	Percentage of useful product
45-60	250-355	<250>µ =>90%
40-60	250-425	<250>µ =>90%
40-45	355-425	<355>µ =>90%
35-45	355-500	<355>µ =>90%
35-40	425-500	<425>µ =>90%
30-35	500-600	<500>µ =>90%
25-30	600-710	<600>µ =>90%
20-25	710-850	<710>µ =>90%
18-20	850-1000	<850>µ =>90%
16-20	850-1180	<850>µ =>90%
16-18	1000-1180	<1000>µ =>90%
14-16	1180-1400	<1180>µ =>90%
12-14	1400-1700	<1400>µ =>90%

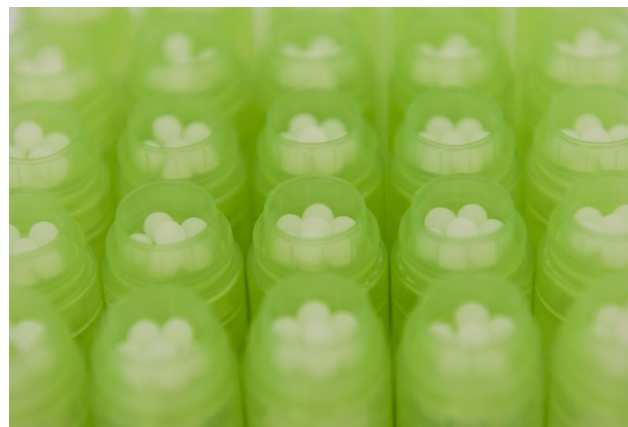
Products

Granules & Globules

Since 1996, Emilio Castelli S.a.s. has started developing the manufacturing of globules and granules for **homeopathic preparations**.

Many years of experience as producers of Sugar Spheres led us to the development of high quality, sphericity and homogeneity neutrals which grant the best impregnation for homeopathic substances.

Our **globules and granules** are manufactured in accordance to European Pharmacopoeia, HAB and GHP.



Products

Granules & Globules



Table 2153.1 - Classification of the pillules

	n. of pillules	Fineness (μ)
Category 1	470-530	1000-1600
Category 2	160-333	1400-2000
Category 3	110-130	1800-2500
Category 4	70-90	2000-2800
Category 5	40-50	2500-3350
Category 6	16-30	3150-4500
Category 7	10	4000-5600
Category 8	5	5600-6700
Category 9	3	7100-8000
Category 10	2	8000-9500

Different types and mixtures are also possible



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