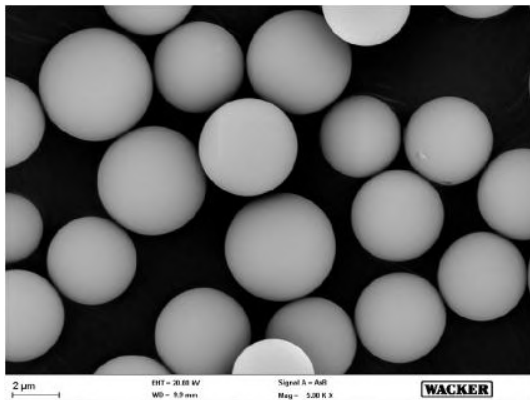


BELSIL® B 110

POLYMETHYLSILSESQUIOXANE

Product description:

BELSIL® B110 is a solid, solvent-free silicone resin which is provided as free flowing white powder. BELSIL® B110 consists of fine, truly spherical, cross-linked Polymethylsilsesquioxane particles:



Scanning electron microscope image of BELSIL® B110

The regular shaped particles have a narrow particle size range of 4-6 µm, are basically insoluble in solvents typically used for cosmetic applications.

Key Features and Benefits:

- Soft, smooth and dry skin feel
- Prevention of powder agglomeration
- Nice lubricity
- Soft-focus effect reducing the appearance of fine lines and wrinkles
- Sebum absorption

Application:

BELSIL® B110 can be used in a variety of skin and color care formulations. BELSIL® B110 provides an exceptional dry but lubricous skin feel when incorporated into a variety of cosmetic formulations. It helps to reduce powder agglomeration in different color cosmetics applications and adds lubricity to lipsticks and skin formulations. In addition, BELSIL® B110 provides a soft-focus effect, helping to blur light, which helps to reduce the appearance of fine lines and wrinkles. Typical application for BELSIL® B110 would be foundations, concealers, primers, anti-aging products, facial creams, lotions, pressed powders, lipsticks; eye shadows and mascaras.

Further information for storage:

Store in a dry and cool place. The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes:

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site. <http://www.wacker.com>

Product data

Typical general characteristics	Inspection Method	Value
Appearance		Free-flowing powder
Physical state		solid, powder, spherical
Particle size		4-6 µm
Density (specific gravity)	DIN ISO 787-10	1.3 g/cm ³
Heating loss (205°C) %		max. 2 %
Refractive Index		
Linseed oil absorption mL/100g		53 mL/100g
INCI Designation		Polymethylsilsesquioxane

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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