

Product 07092101-104 Solid glass beads for producing slip resistant coating surfaces

1 General data

Application field

VIASOL Micropearls are used as filler for seal coats and top coats based on epoxy or polyurethane resins.

Product description

VIASOL Micropearls are solid glass beads made of soda lime glass in different grading curves for producing slightly slip resistant and abrasion resistant surfaces.

The corresponding grading curves are added as a filler in the seal coats and thin-layer coatings.

Application

VIASOL Micropearls are mixed in the fresh seal coats and thin-layer coatings based on epoxy- or polyurethane resins in a defined mixing ratio. The processing technology depends on the used product and the used grading curve. The consumption and application technique of the individual system could be found in the relevant installation instructions or system calculations.

Indicative consumptions:

Seal coats (PU/EP) ca. 100 – 150 g/m²

VIASOL Micropearls: 45-90 µm ca. 5 % p. weight
 90-150 µm ca. 5 % p. weight

Thin layer coatings (PU/EP) ca. 180 – 300 g/m²

VIASOL Micropearls: 200-300 µm ca. 20 % p. weight
 300-400 µm ca. 25 % p. weight

Technical support

For further information relating to VIASOL products, please contact VIACOR Polymer GmbH directly.

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Warnings and precautions

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of cleaning materials must be observed. Suitable protective clothing must be worn.

Please note that spilled microbeads causes a slippery surface.

(A) Technical data

Solid product

1. Solid content	100 %
2. Bulk density	
45-90 µm	1.35 g/cm ³
90-150 µm	1.40 g/cm ³
200-300 µm	1.44 g/cm ³
300-400 µm	1.46 g/cm ³
3. Density	in middle 1.41 g/cm ³
4. Hardness	Mohs ≥ 6
5. Package size	25 kg sacs or 1 kg pail
6. Shelf life (20 °C)	36 month
7. Storage	dry at 5 – 25°C

Disclaimer

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

- damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and
- if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).