

HP-PK22

-Thickener and Thixotroping Agent -

Filler for synthetic resins (EP, UP, PUR), printing ink, cosmetics and silicone elastomers.
Further applications in the feeding stuff production and in the food industry.

Fields of Application:

- thickener and thixotroping agent
- sedimentation prevention (anti-settling)
- self-levelling of floor compounds
- creation of adhesive beadings
- mixing of non-flowing coatings / lamination resins

Features:

Chemical Nature	amorphous, pyrogen silicic acid (hydrophilic)
Condition / Colouring	colloidal powder, white
Dosage	0,5 - 5%(parts by weight)

Properties:

SiO ₂	> 99,8	%	DIN EN ISO 3262-19
Density at 20°C	approx. 2,2	g/cm ³	DIN 51757
Refractive Index	1,46		
BET-Surface	170-230	m ² /g	DIN ISO 9277 / 66132
Tamped Density	40	g/l	DIN EN ISO 787-11
Drying Loss (2h/105°C)	< 1,5	%	DIN EN ISO 787-2

Information for the safe handling with hazardous substances:

Keep out of the reach of children.
Avoid dust formation. Do not inhale the dust. Protect it against electrostatic charge. Make sure that all system sections are earthed. For information concerning safety at work, please consult the corresponding safety data sheet.

Processing Information:

We recommend tests to check the suitability for the respective applications. Fillers can influence the hardening process. **HP-PK22** can be stirred intensively until the desired consistence is achieved (0,5 – 5% of weight).

Storage:

Close opened containers tightly after use. Store at a dry place, protect against moisture.

Packaging:

Plastic bucket with a lid, or rather bagged cargo.

Disposal:

Avoid release into the canalisation, waters or into soil. Disposal in the household waste is possible.
All local and officially regulations must be observed.

Further Information:

Do not hesitate to contact us. More custom-designed information can be ordered via telephone or you can find it on our web-site under 'product-info'.

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.

We recommend tests be performed for trials and suitability for the particular type of application.
With the newest printing of this data sheet the previous version loose validity!