TEGOPAC®

Technical information

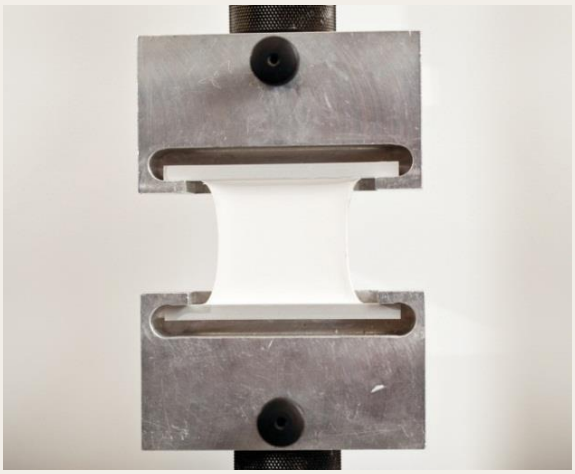
TEGOPAC® Seal 100

High elasticity for low modulus sealants

Technical parameters*

Appearance	colorless, clear liquid
Viscosity (23 °C)	ca. 55,000 mPas
Density (25 °C)	0.99 – 1.01 g/cm³
Plasticizer	none
Solvent	none
Backbone	PPG

*no specification data



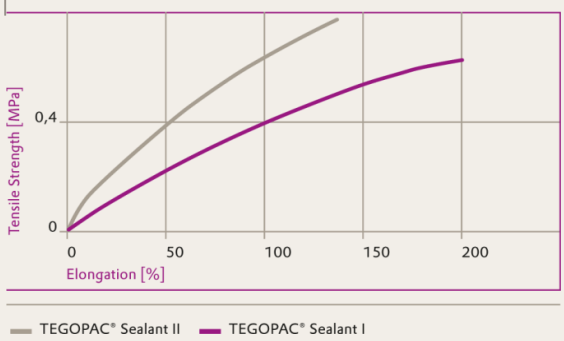
Application

TEGOPAC® Seal 100 is a moisture curing silane-modified polymer recommended for low modulus sealant formulations which are used in construction applications (e.g. for façades, expansion joints, etc.) or for indoor applications. TEGOPAC® Seal 100 is also recommended for use in sealant and adhesive formulations where vibration and sound dampening is an issue.

Benefits

Because of its excellent elasticity TEGOPAC® Seal 100 shows high recovery rates in different formulations. This high recovery is especially needed for low modulus sealants in construction applications meeting requirements of ISO 11600-F&G-25 LM. Furthermore, high elasticity is needed in applications where constant vibration affects a joint, e.g. to ensure longer life cycles of joints.

Linear behavior up to 100 % elongation is indicating good elastic recovery



Processing

Sealant formulations containing TEGOPAC® Seal 100 can be easily operated at temperatures between 5°C and 35°C. To ensure maximum shelf life of your formulations it is recommended to use raw materials with low residual water content.

Applying temperature and vacuum to remove residual water from the formulation during production is recommended. A standard chemical drying agent (e.g. Dynasylan® VTMO) can be added to the formulation.

Packaging

Sample size: 2kg aluminum bottles

Shelf life

9 months in closed original containers

Storage

Containers should be stored at ambient temperature (5 – 25°C) at a dry place.

Hazardous goods classification

Information concerning

- classification and labeling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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