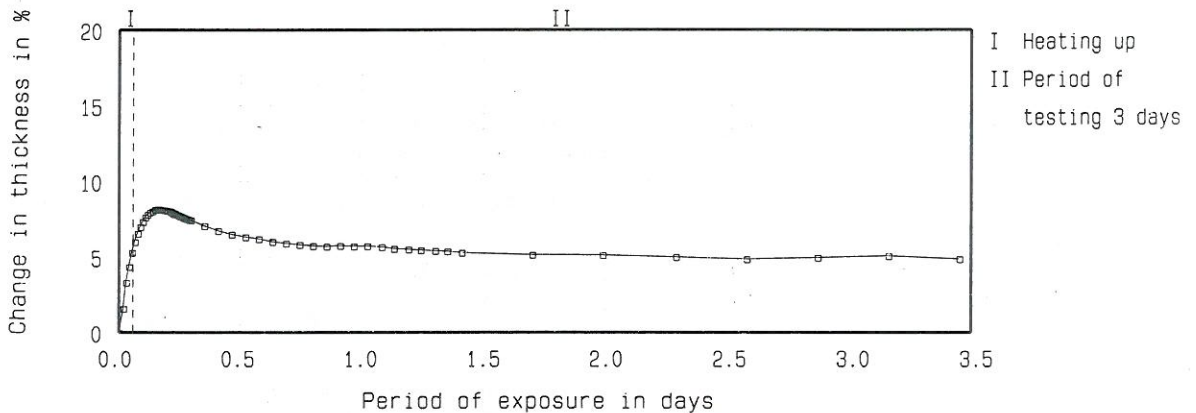


Determination of the behavior at high temperatures according to EN14706

Test report No: M-156a/13

Applicant: L'ISOLANTE K-FLEX S.r.L., 20877 Roncello (MB), Italien
Material: K-Flex ST
Material identification: Sheets made of flexible elastomeric foam according to EN14304:2009+A1:2013
 (as given) Colour: black; Nominal thickness: 19 mm; Production code: 01020638311
Sampling: By FIW München on 23.09.2013 at the plant in Roncello.
Goods Receipt: No. 8349
Preparation of the material: Dimensions of the specimen: 100 mm x 100 mm Number: 4
 Tested thickness: 18.8 mm (one-layered) Square pressure plate load: 0.05 kN/m²
 Mass: 32.5 g
 Density: 43.1 kg/m³
Test equipment: Horizontal test plate according to EN14706:2012, Area tested: 200 mm x 200 mm
Test conditions: according to annex D: one-side temperature exposure

Experimental data: Change in thickness versus time at 84 °C warm side temperature
 Speed of heating up to test temperature 1 K/min



Properties of the material after measurement up to 84 °C warm side:

Self heating: ---
 Mass: 32.5 g Decrease in mass: 0.0 %
 Remarks: ---

Result: Relative change in thickness after a period of 3 days and a warm side of 84 °C is 4.9%.

Hint: For the hot-surface performance in practice, other longtime static and/or dynamic loading conditions will influence the dimensional stability of elastic, non rigid insulants accordingly.

Final remarks: --

Gräfelfing, 25.07.2014

Technical supervisor:

R. Alberti
 Dipl.-Ing. R. Alberti



Tester:

S. Tana
 S. Tana