

Abstract**High-temperature foams having reduced resin absorption for producing sandwich materials**

5 The present invention relates to the field of producing high-temperature foams, such as are used in
the construction of aeroplanes, ships and rail and other vehicles, in particular further processed into
sandwich materials by joining with two outer layers. To this end there is provided a novel process for
producing high-temperature foams (HT foams) which are particularly suitable for producing such
sandwich components for lightweight construction. This process achieves an improvement in the
10 processability of the HT foams produced according to the invention and a weight reduction of the
sandwich materials. The HT foams are furthermore rigid particle foams which are markedly more
economic to produce than rigid block foams.

15 The present invention in particular brings about a reduction in resin absorption in fibre composite
processes through a process-related optimization of the surface constitution.

[No suitable figure]