

ARCHCELL®泡沫的热处理

对于工艺要求达到 180°C 以上的情况，材料必须进行高温热处理，提高其耐压缩蠕变性能：

第一步：在 135°C 的空气循环烘箱中干燥至少 4 小时。

第二步：升温到 150°C 和 180°C 之间，干燥 48 小时。

因为 190°C 的高温热处理会使损害材料表面，并且在烘干过程中材料会发生尺寸精度的变化，所以具有形状的芯材，其机加工应该在高温热处理以后进行。

Heat treatment of ARCHCELL®

For processing (temperature up to 180°C), a heat-treating processing prior to processing ARCHCELL® is required, which can greatly improve its compression creep resistance.

Step 1: drying for at minimum 4hrs at 135°C by using a heating cabinet with air circulation.

Step 2: immediately after step 1, heat treating at 48hrs among 150°C to 180°C.

The net-shaped cores must be machined after the heat-treating processing, because of the damages on core's surface (temperature up to 190°C) and changes in dimension during drying.

