

## Sintering shrinkage:

The shrinkage  $Y_s$  during the final sintering process is isotropic and can be calculated in dependence of the solid loading  $\Phi$ , the theoretical density  $\rho_t$  and the final density  $\rho_f$  of the glass part using the following equation

$$Y_s = 1 - (\Phi/(\rho_f/\rho_t))^{1/3}.$$