



Glass and Polymer
Technologies

Tempering

Residual stresses are present in polymers as a consequence of differential cooling rates that occur during their production. The magnitude of stress can be reduced by tempering.

The chemical properties are significantly enhanced by tempering, especially those of amorphous plastics.

The use of appropriate tools, optimized cooling, and a correctly adjusted rotational speed-feed speed ratio also contribute to a lower stress level and thereby to precise parts.

***Rule of thumb:
The stress level should be as low as possible!***

GLASS
POLYMER