# Single-glass appearance of single-crystal double-glass components



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This first systematic study illustrates the complex role of composition on the nucleation and growth mechanisms and provides a framework for ...

On supercooling a liquid, the viscosity rises rapidly until at the glass transition it vitrifies into an amorphous solid accompanied by a ...

During the day time when there is solar radiation, the single glass part has higher temperature values than the double glass and PV module parts due to the higher transmissivity character ...

All the free-energy profiles show the simple double-well shape, whose two minima with low and high Q6v correspond to the liquid and crystal ...

While the former has a tendency to crystallise, the latter has a normal (single) glass transition. Similarly, monomeric titanium 2-ethylhexanoate also has a single glass transition. Thus, the ...

gory of composites: equidistant glass fibers in a single crystal matrix. This is carried out at high temperature, by a technique called "floating zone"/"melting zone" associat

This review highlights the significance of advancements in single-crystal structural analysis techniques, paving the way for groundbreaking innovations in molecular design and ...

Here, the authors report an electroactive framework that exhibits a reversible single crystal-to-single crystal double [2+2] photocyclisation, leading to property changes.

Single crystals will usually have distinctive plane faces and some symmetry, where the angles between the faces will dictate its ideal shape. ...

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