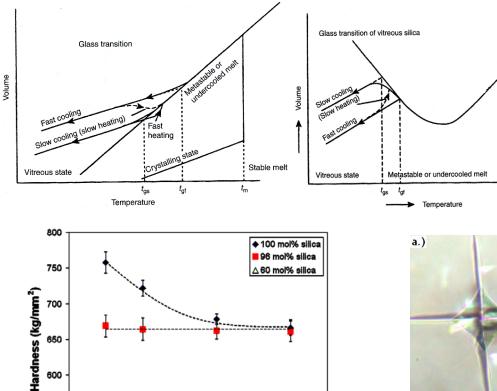
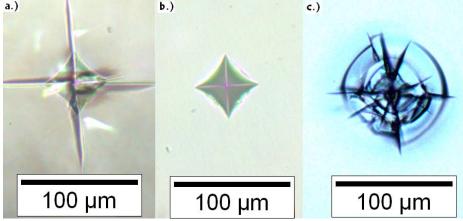
Glasses with fictive temperature-independent properties Minoru Tomozawa, RPI, DMR-0804043



Between normal and anomalous glasses, there should be glasses with fictive temperatureindependent properties.



Stable mel



600

550

500 Ô

0.05

0.1

Glass with no indentation size effect-JAP (2008)

0.15 0.2 Load (kgf)

Glass with high crack initiation resistance – JNCS (2009)

Rensselaer Polytechnic Institute

NSF Ceramic Materials PI Workshop, June 2012

0.25

0.3

0.35