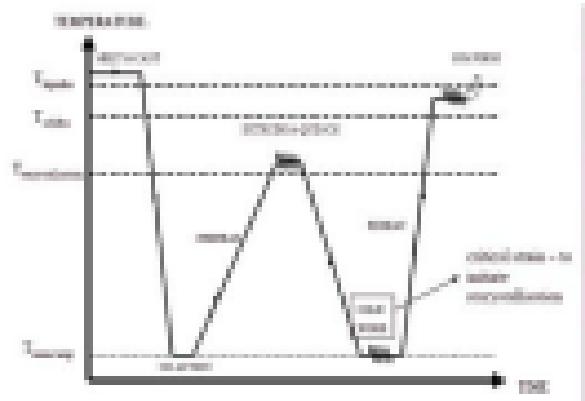
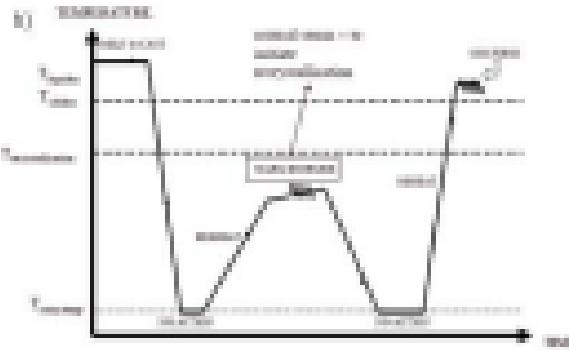


a)



b)



pouring



casting



adjustment



removal

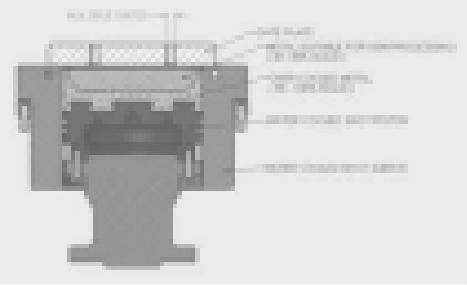


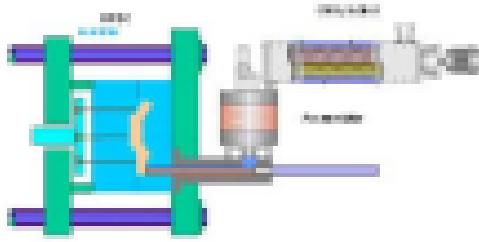
casing

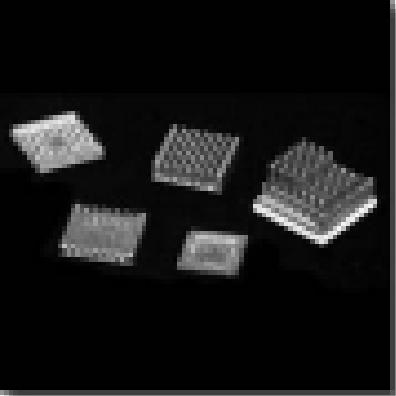


product



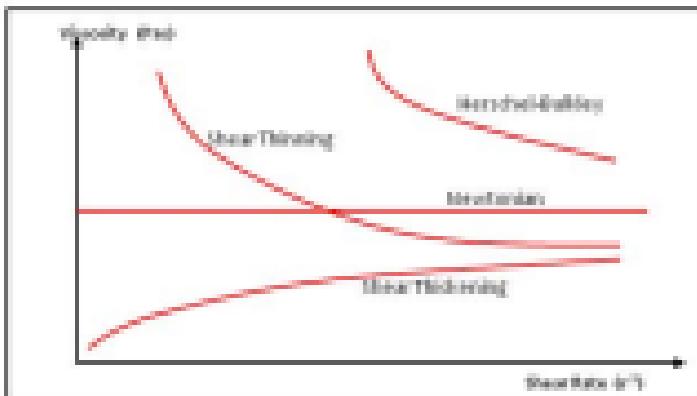
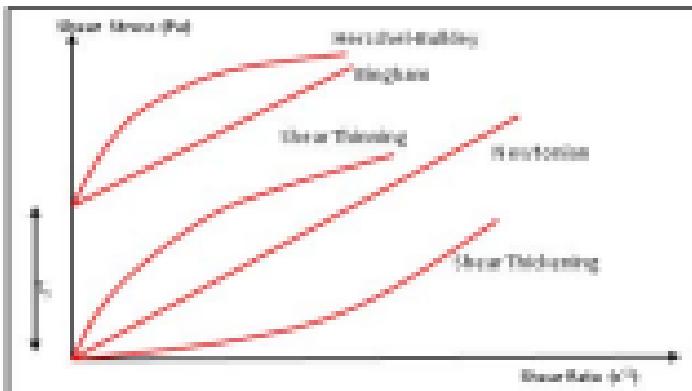


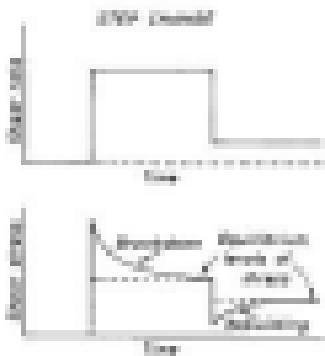




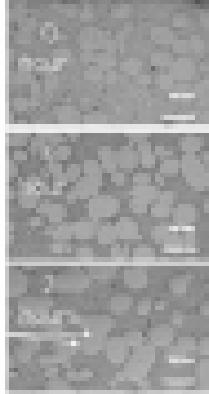


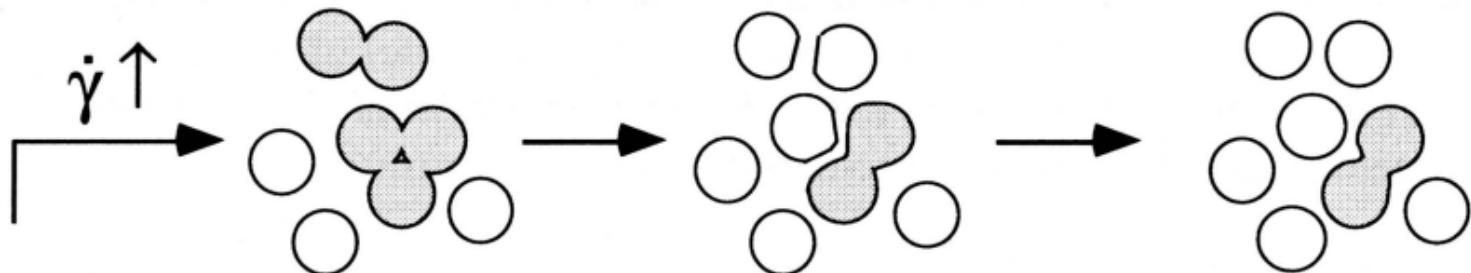




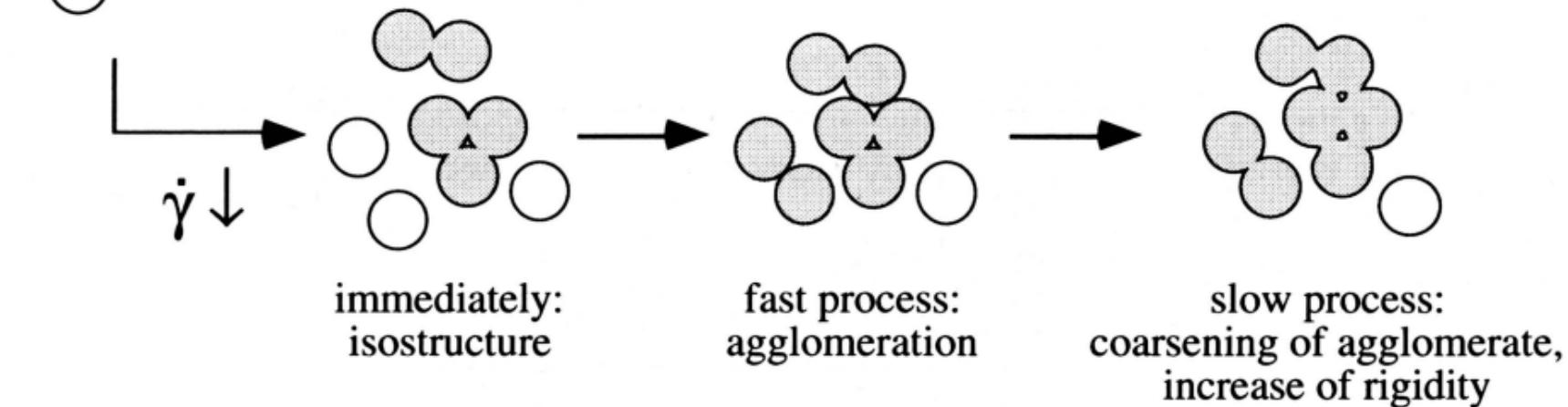


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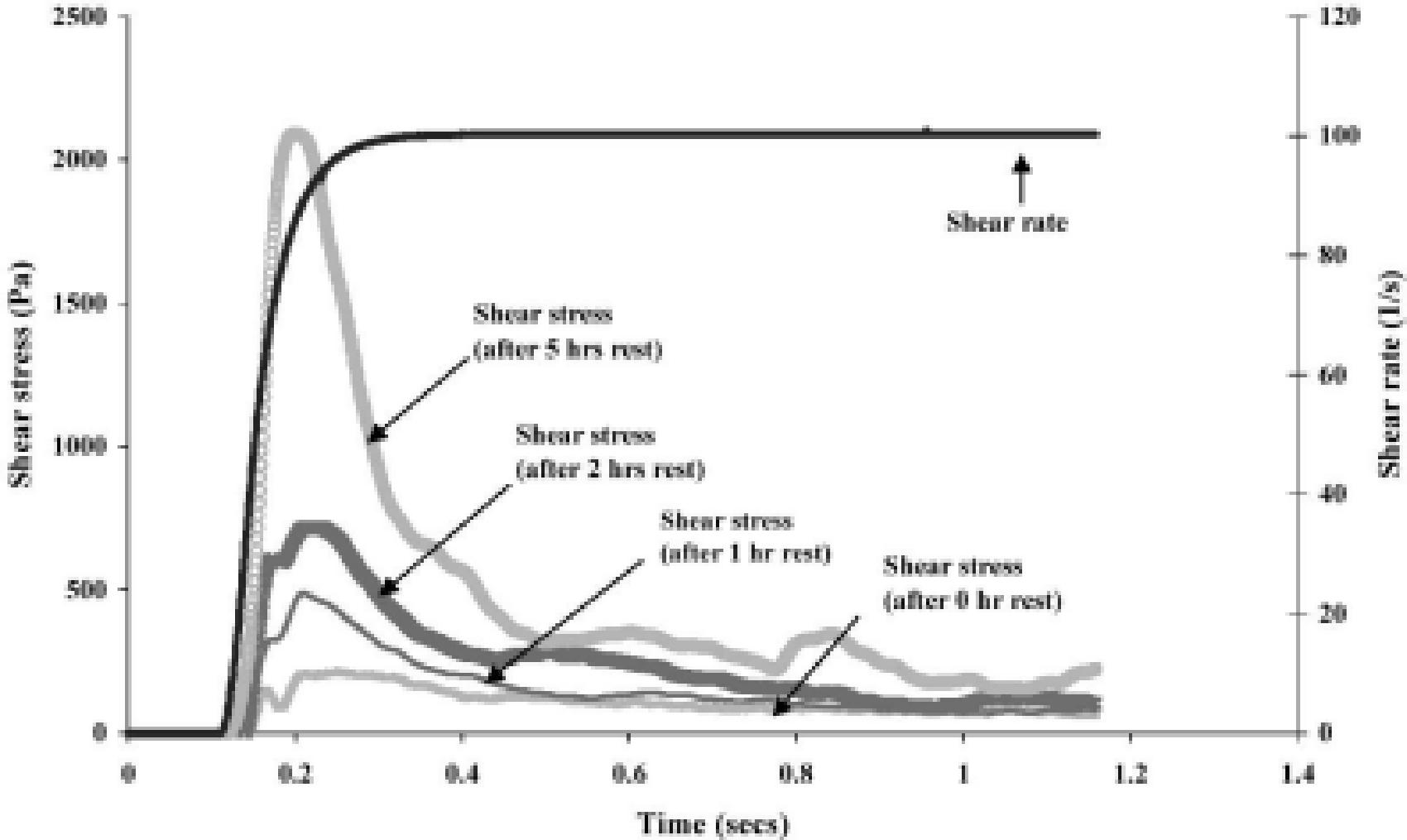




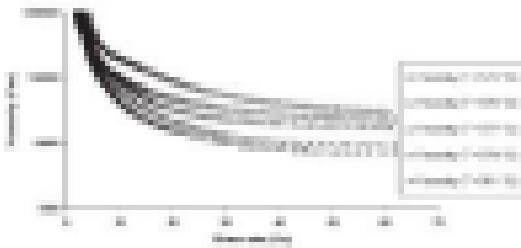
immediately:
isostructure fast process:
deagglomeration slow process:
coarsening of fragments,
spheroidization



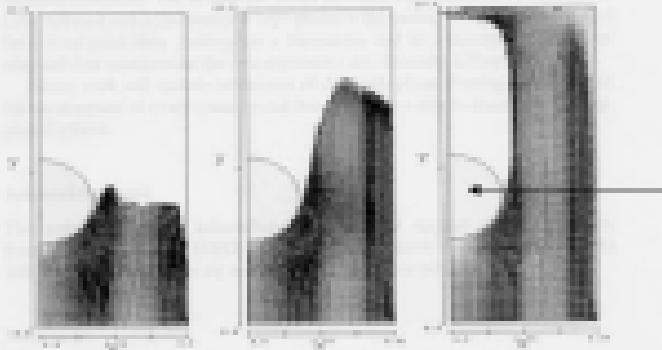
immediately:
isostructure fast process:
agglomeration slow process:
coarsening of agglomerate,
increase of rigidity





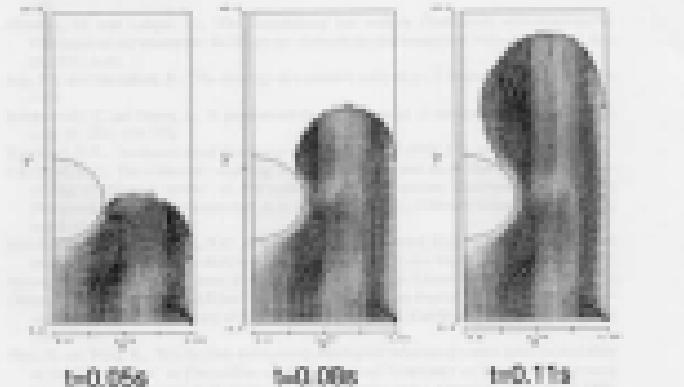


Newtonian Fluid (1 Pas)

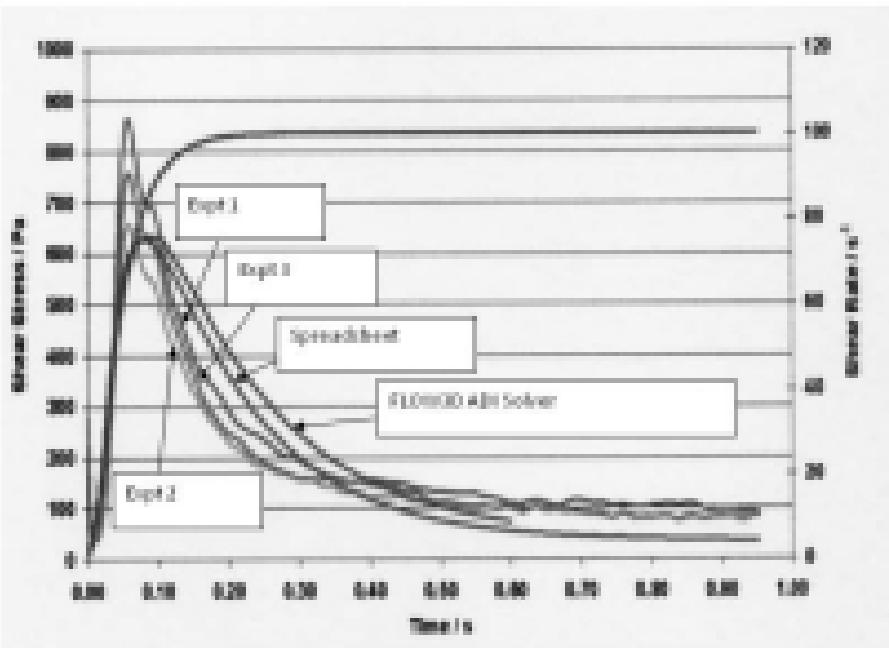


Obstacle

Thixotropic Fluid

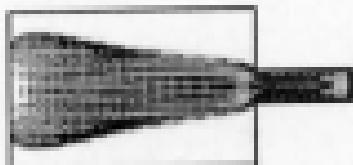


Sn1.9%Pb

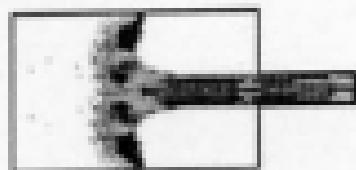




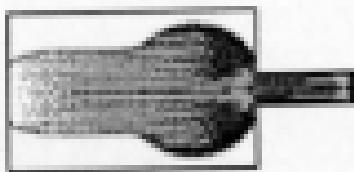
(a) shell



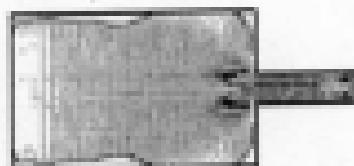
(b) round



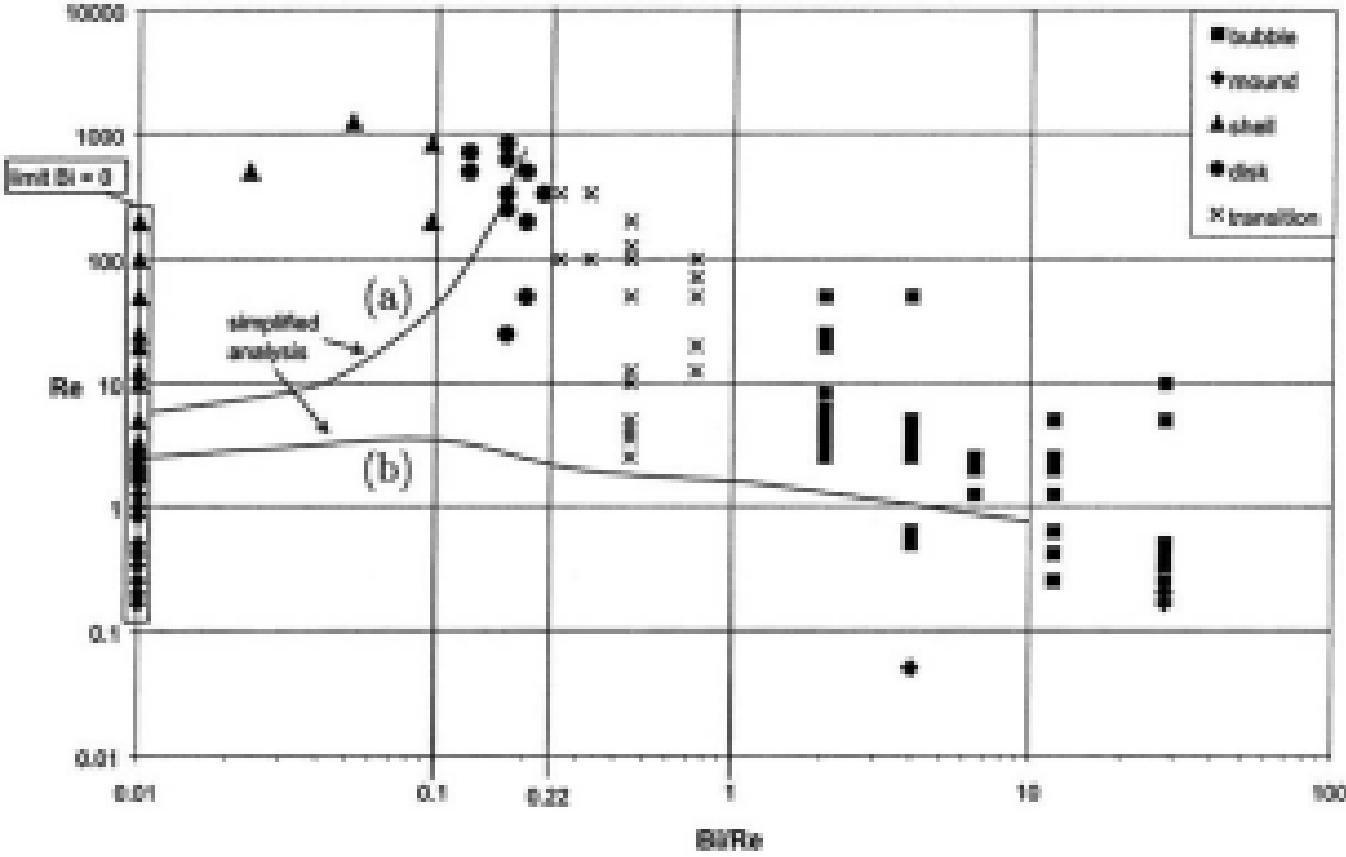
(c) disk



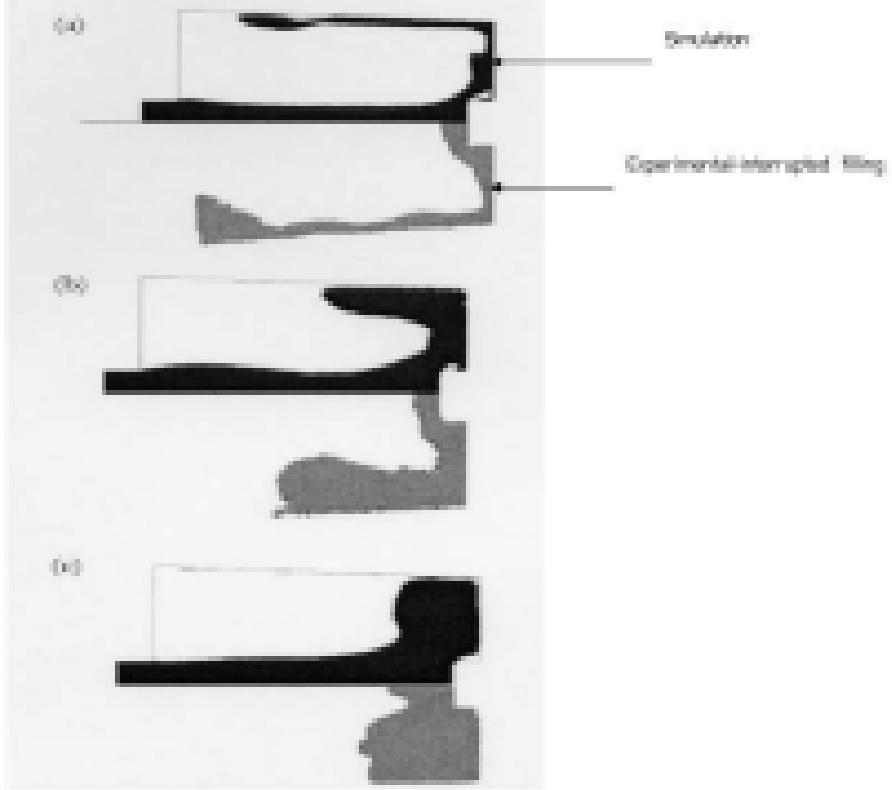
(d) bubble

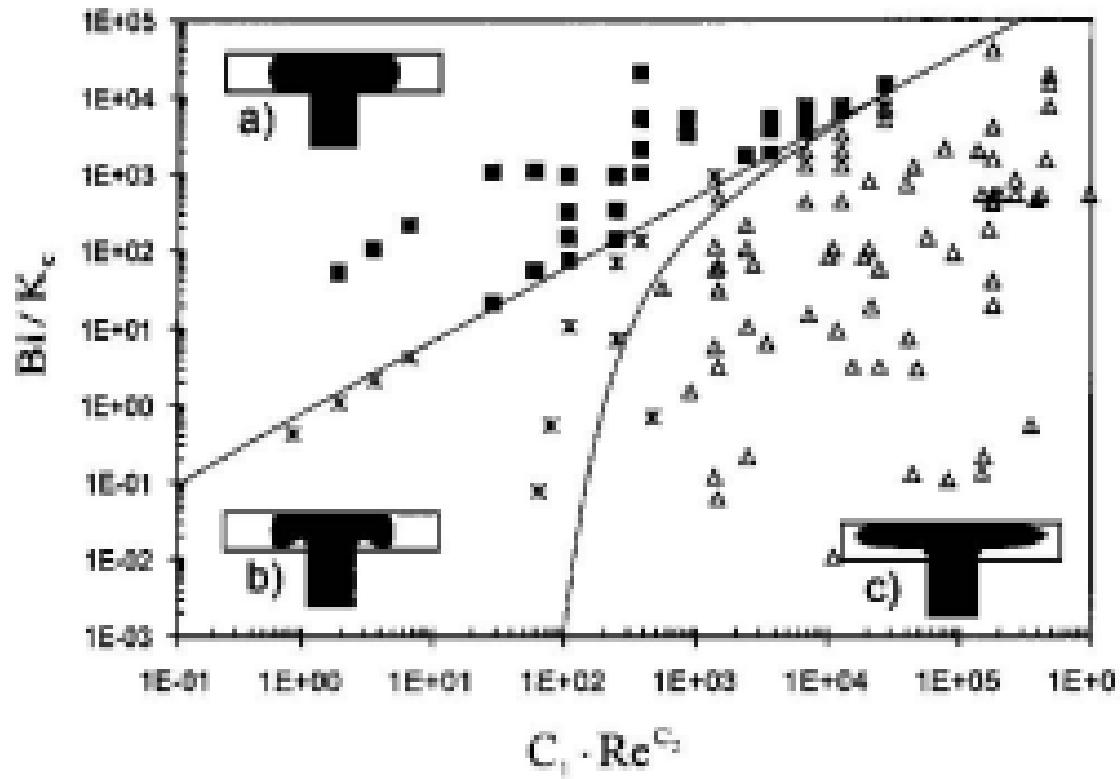


(e) transition



$\zeta=0.52$



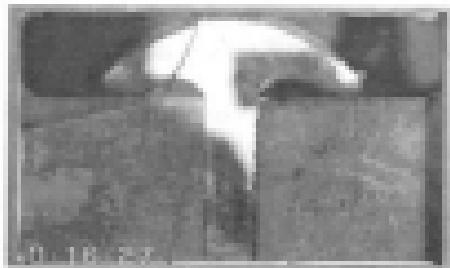


a)



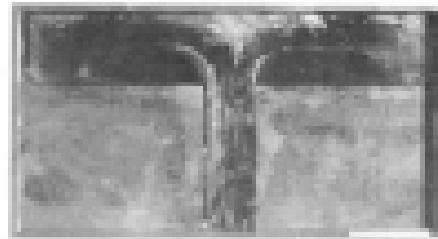
20 $\mu\text{m}/\text{h}$

b)

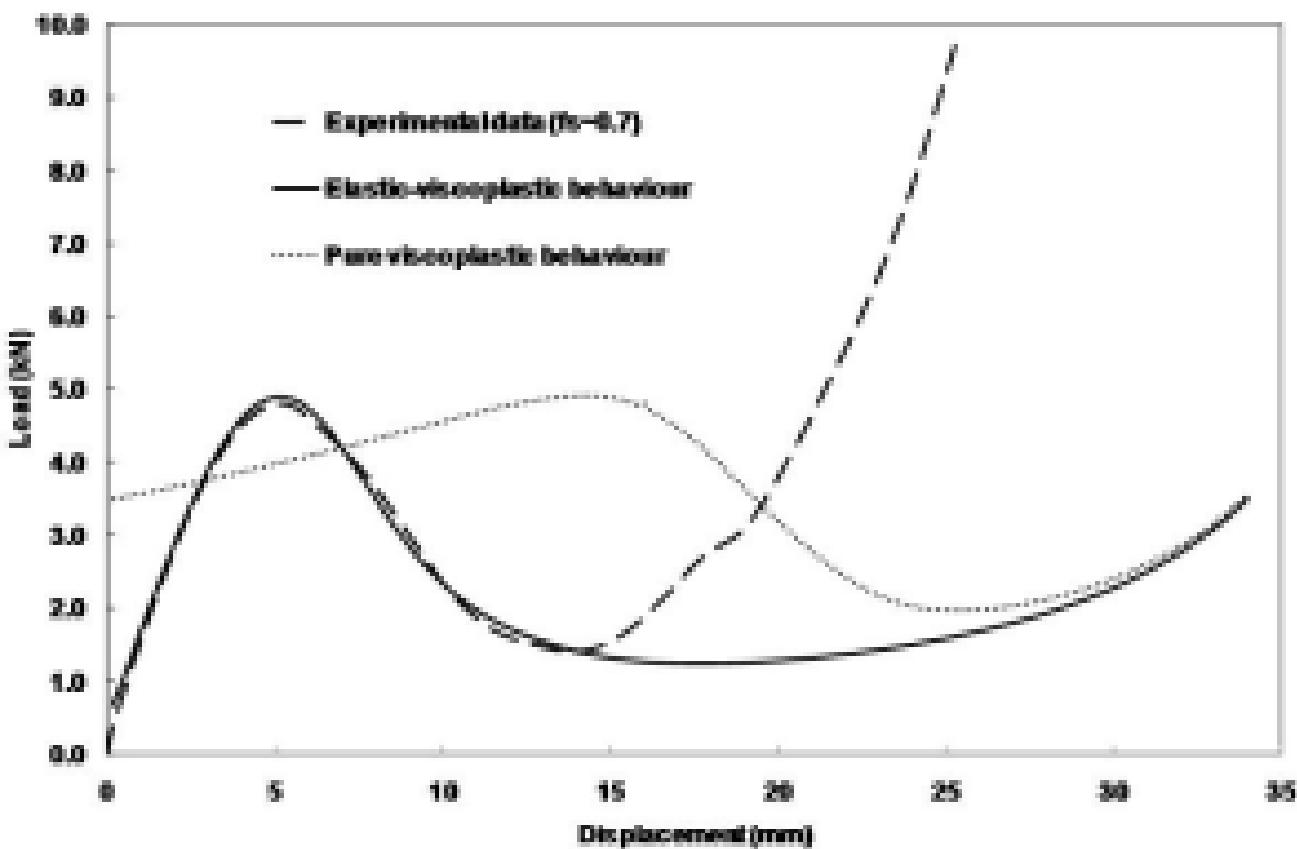


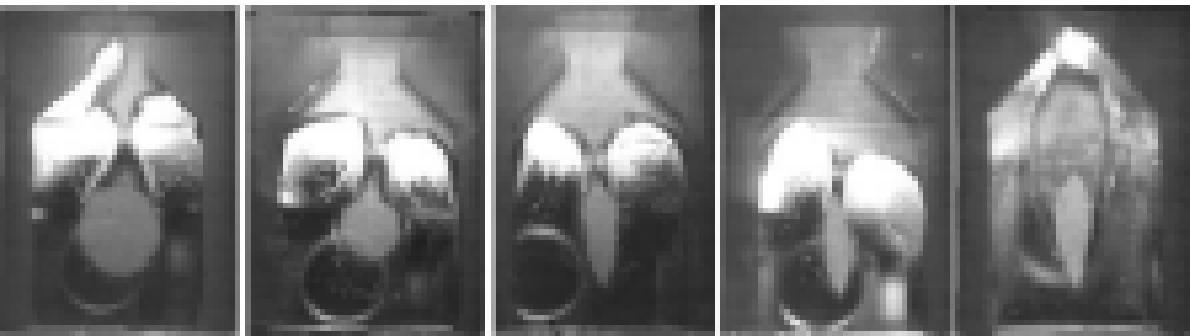
20 $\mu\text{m}/\text{h}$

c)



200 $\mu\text{m}/\text{h}$

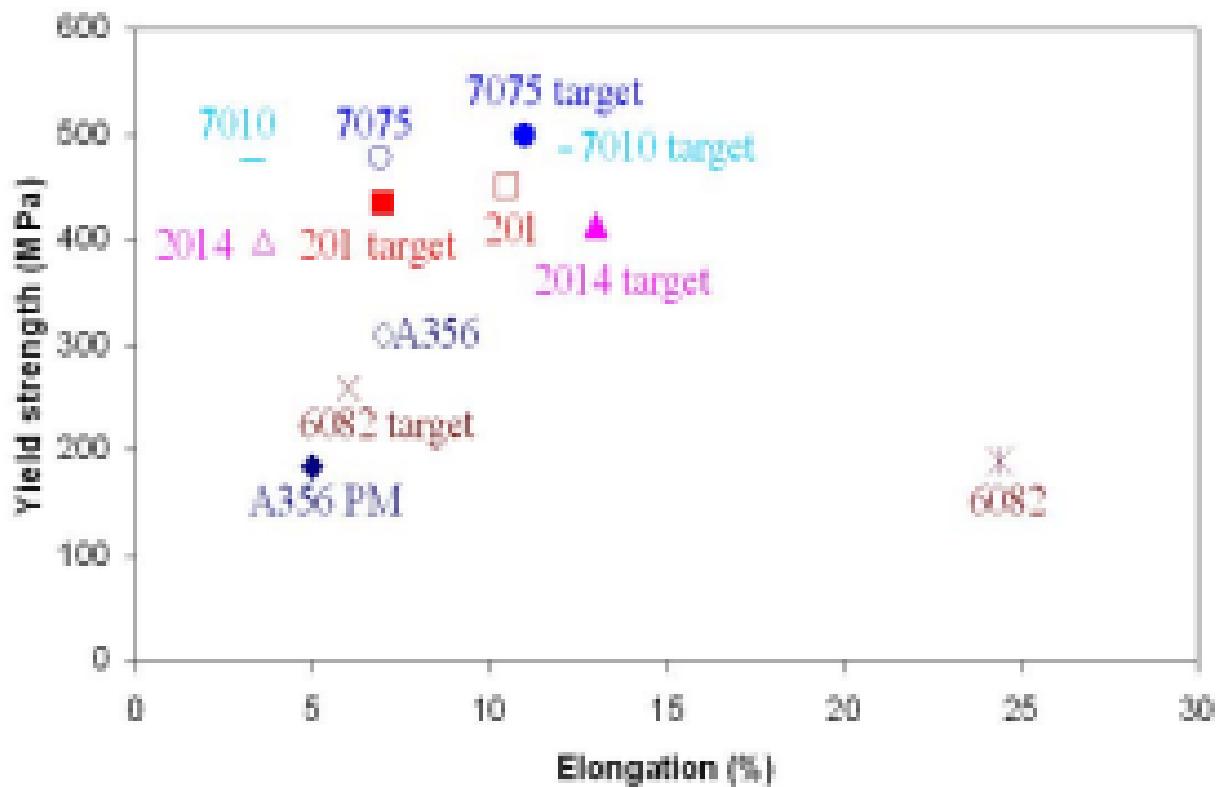




Oberseite 30mm-dicke Oberseite 20 mm-dicke

Reflection from glass

1 m, per 400.



C38 modif 2

