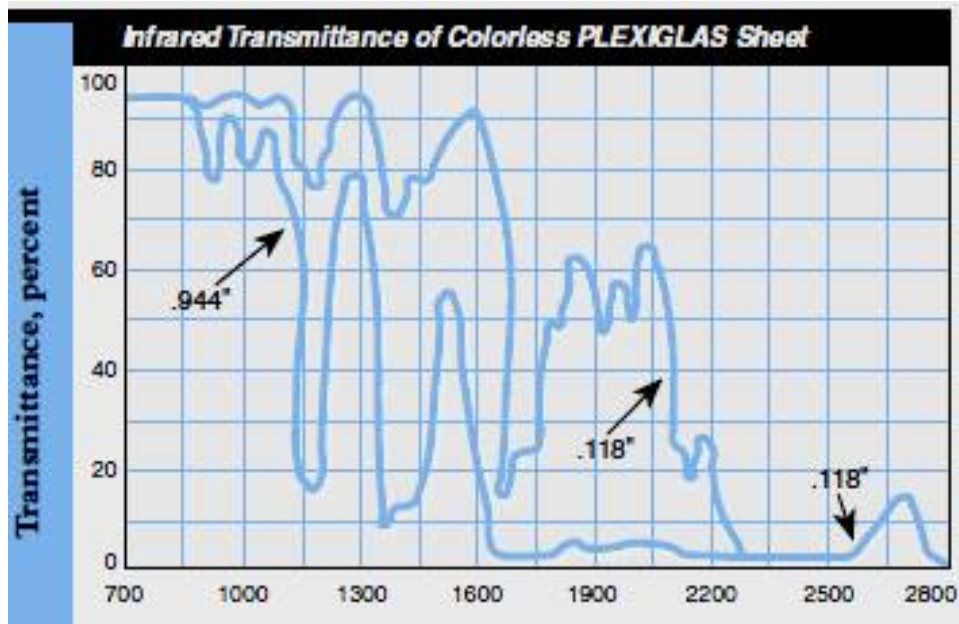


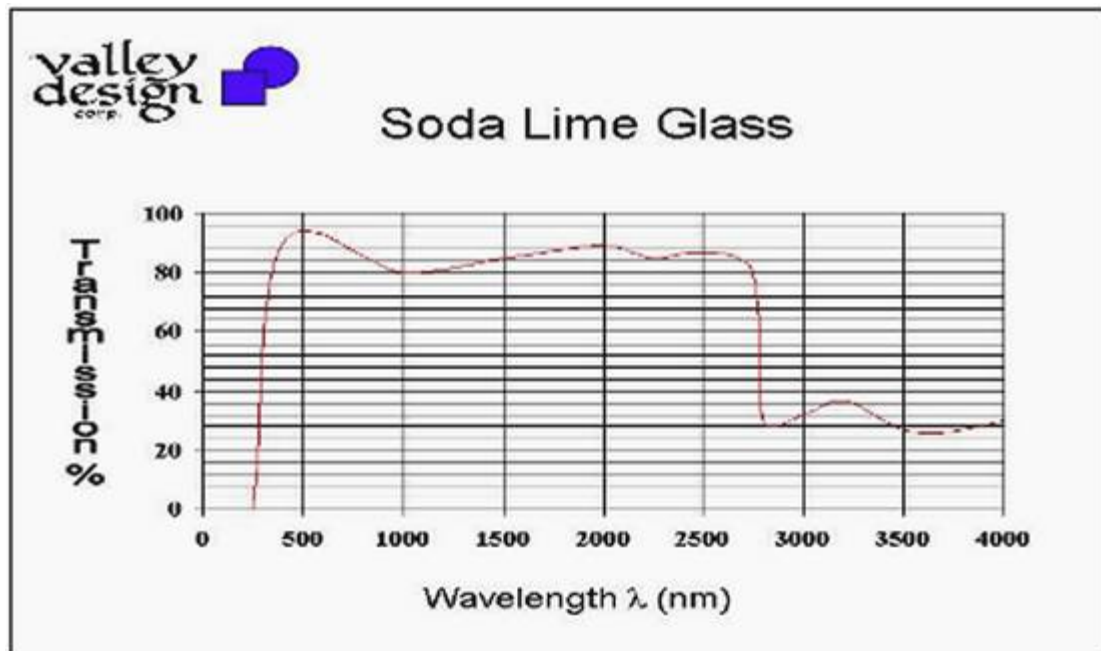
Impact modified acrylic plate Plaskolite-Duraplex. Solar near shortwave IR transmissivity index of 0.97 and Longwave transmission index of 0.012. Thermal Conductivity Coefficient of 0.18 W/m K

<http://www.atoglas.com/literature/pdf/81.pdf>



Generic silica glass pane. Solar near shortwave IR transmissivity index of 0.97 and longwave IR transmissivity coefficient of 0.1. Thermal Conductivity Coefficient of 0.2 W/m K

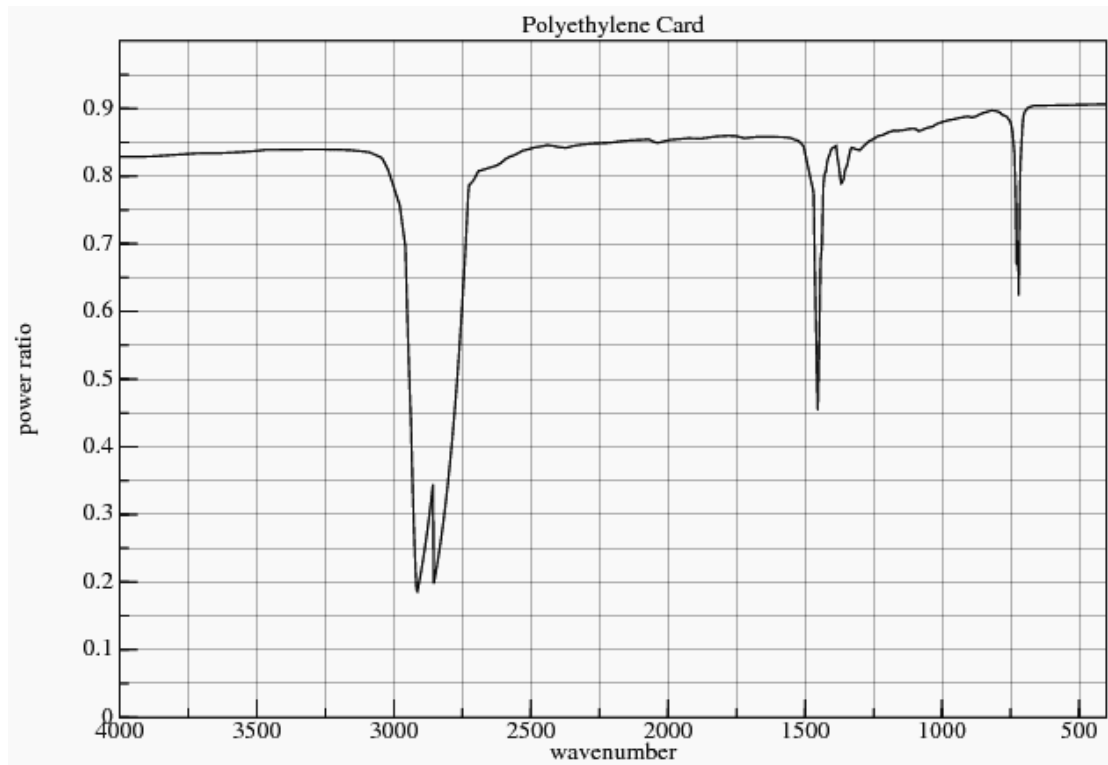
<http://www.valleydesign.com/soda-limepic.htm>



Crystal Clear Polyethylene Film. Solar near shortwave IR transmissivity index of 0.92 and longwave IR transmissivity coefficient of 0.9. Thermal Conductivity Coefficient from 0.42 W/m K to 0.51 W/m K

<http://people.csail.mit.edu/jaffer/FreeSnell/polyethylene.html> or

<http://web.archive.org/web/20061213003555/http://chem.arizona.edu/courses/chem245/polyeth.html>



For comparison: Salt (Sodium Chloride)

[http://avogadro.chem.iastate.edu/Infrared/IR\\_Booklet.pdf](http://avogadro.chem.iastate.edu/Infrared/IR_Booklet.pdf) page 5

