

## Function of “Soarnol®” for Paper Carton Pack for Orange Juice

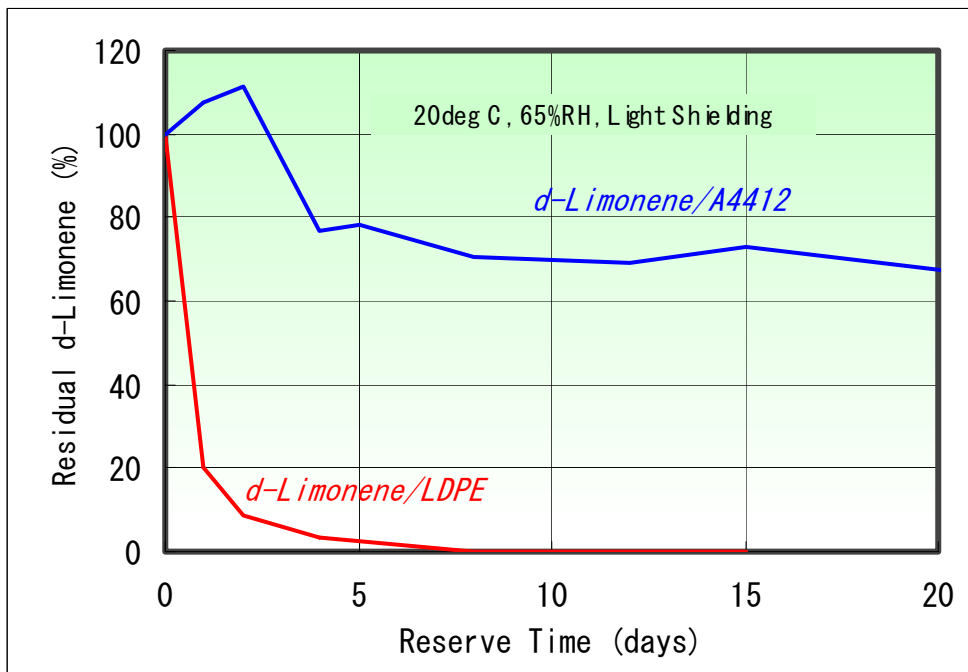
In case of paper carton pack for orange juice, “Soarnol®” is applied to the innermost layer and the outermost layer.

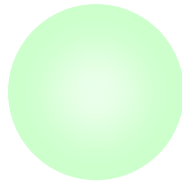
The innermost layer “Soarnol®” is used to preserve adsorption of aroma component(d-Limonene).

On the other hand, the outermost layer is used to prevent permeability of oxygen gas from outside air and to prevent breakdown of vitamin C .

### (1)Effect of the Innermost Layer “Soarnol®”

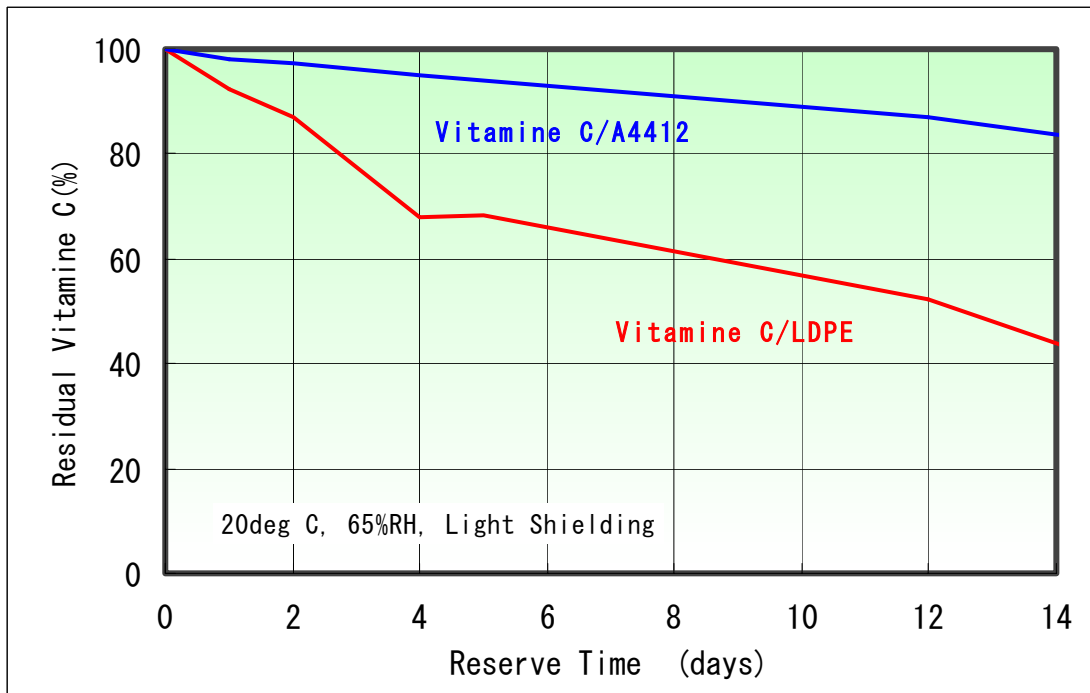
Layer Construction : Web/A4412/LDPE/[A4412](#)/Orange Juice





(2) Effect of the Outermost Layer “Soarnol<sup>®</sup>”

Layer Construction : Web/[A4412](http://A4412)/LDPE/A4412/Orange Juice



Data Prepared : 1 Sep. 2003

