



Wood Chip Phase

Solid Phase
(5 components)

High reactivity lignin
Low reactivity lignin
Carbohydrate
Galactoglucomannan
Araboxylan

Entrapped liquor Phase
(4 components)

Effective alkali (EA)
Hydrosulfide (HS)
Dissolved solids
Dissolved lignin

Free Liquor Phase
(4 components)

Effective alkali (EA)
Hydrosulfide (HS)
Dissolved solids
Dissolved lignin