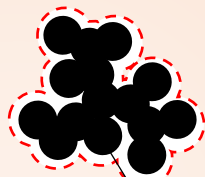
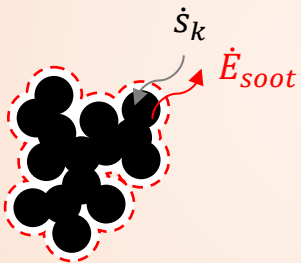


$V =$ Reactor Volume

\dot{Q}

Gas
Mixture
 $V(1 - \varphi)$



Soot
Particles
 $V\varphi$

