

CFD TOOL / Foam model (openfoam / Polito)

DENSITY OF THE
LIQUID/POLYMER
CONSTITUTING
THE FOAM ρ_p

OVERALL
CONVERSION
GELLING
REACTION x_{OH}

FOAM
TEMPERATURE
 T

DENSITY SURROGATE MODEL (MongoDB)

a

b

c

d

NANO TOOL / Molecular Dynamics (UniTs)