

Problem se...

Results

Inputs

Extended settings

### Define Reactants composition

New reactant

Reaction

% Fuel

0

Complete + W-G

O/F

0

Air (21% O2, 79% N2)

Phi

-

	Species	N° Moles	Mole Fraction	Type	Temperature [K]
1	N2	3.7619	0.7900	Inert	300
2	O2	1.0000	0.2100	Oxidant	300

### Select Problem type and Solver

TP: Equilibrium composition at defined T and P

Gibbs

### Define the state of reactants and products

Reactants		Products
300	Temperature [K]	2500
1	Pressure [bar]	1

Calculate

Clear

Welcome to Combustion Toolbox v0.3.541 --- A MATLAB-GUI based open-source tool for solving combustion problems.

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