

1. menu bar

2. tabs

3. sub-tabs

4. data visualization area

5. command window

6. dialog box

7. lamp

8. data visualization area

9. tree

File Help

Setup

Results

Parameters

Mixture composition

Custom Figures

phi

0.5

Reactants

300

1

1.152

322

235.2

6.974

1.036

1.387

28.74

347

Temperature [K]

Pressure [bar]

Density [kg/m3]

Enthalpy [kJ/kg]

Internal energy [kJ/kg]

Entropy [kJ/(kg K)]

Specific heat cp [kJ/(kg K)]

Adiabatic index [-]

Molecular Weight [g/mol]

Sound speed [m/s]

Products

1777

1

0.1985

322

-181.8

8.902

1.354

1.266

29.32

798.6

Epsilon (method)

2.7053e-04

▼ Results

▼ Problem Type:HP

▼ Reactants:Acetylene + Air

▼ List Products:Soot formation Extended

Case 1

Case 2

Case 3

Case 4

Case 5

Solving HP problem... Done! check tab "Results"

Elapsed time is 1.04726 seconds

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