

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

Parameters

Mixture composition

Custom Figures

Results

Reactants

300

1

1.152

322

235.2

6.974

1.036

1.387

28.74

347

phi

0.5

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 [-]

Mean 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)

1.5788e-06

▼ 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 0.473101 seconds

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