File	He l p						
Setup	Inputs I	Extended setting	gs				
Results	Define reactants and species to be considered						
	Reactants			List of Species			
	Natural Gas + Air ▼			CO2		% Fuel	8.367
	Products			CO H2O		O/F	2.3
	Soot formation ▼			H2		Phi	1
	Species	Nº moles		Mole fraction	Туре	Temperatu	re [K]
	N2		8.6524	0.7239	Inert		300
	O2		2.3000	0.1924	Oxidizer		300
	CH4		0.8500	0.0711	Fuel		300
	C2H6		0.1000	0.0084	Fuel		300
	СЗН8		0.0500	0.0042	Fuel		300
	P: Adiabatic T and composition Define state of reactants and pro Reactants 300 1			lonized species			
	Additional constraints						
	Products Constant Enthalpy: hP = hR						
	Calculate Clear						
	Welcome to Combustion Toolbox v0.5 A MATLAB-GUI based open-source tool for solving combustion problems.						
	>>						