File Examples Help								
Setup	Inputs Extended settings							
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	
	Select Problem Type							
	HP: Adiabatic T and composition at constant P ■ Frozen chemistry ■ Ionized species Define state of reactants and products							
	Reactants					Products		
		300		Temperature [K]				
		1		Pressure [bar]		1		
	Additional constraints							
	Products							
	Constant Enthalpy: hP = hR							
	Calculate Clear							
	Calculate							
	Welcome to Combustion Toolbox v0.5 A MATLAB-GUI based open-source tool for solving combustion problems.							
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