



ASIMPTOTE FluidProp: Mixtures

Available Fluids

Thermodynamic Models:

GasMix	G	Fluids in black come with the free version of FluidProp
IF97	I	Fluids in grey come with the specified thermodynamic library (not free)
RefProp 9.1	R	Fluids in orange are delivered as special sets (not free)
(Free)StanMix	S	
TPSI	T	For RefProp 9.1, see NIST site for functionality
PCP-SAFT	P	

Air

	G	I	R	F	S	T	P
air			R	F	S	T	
moist. air						T	

Siloxane mixtures

MM/MDM	F	S					
MM/MD2M	F	S					
MM/MD3M	F	S					
MM/MD4M	F	S					
MM/MD5M	F	S					
MM/MD6M	F	S					
MDM/MD2M	F	S					
MDM/MD3M	F	S					
MDM/MD4M	F	S					
MDM/MD5M	F	S					
MDM/MD6M	F	S					
MD2M/MD3M	F	S					
MD2M/MD4M	F	S					
MD2M/MD5M	F	S					
MD2M/MD6M	F	S					
MD3M/MD4M	F	S					
MD3M/MD5M	F	S					
MD3M/MD6M	F	S					
MD4M/MD5M	F	S					
MD4M/MD6M	F	S					
MD5M/MD6M	F	S					
MM/D3	F	S					
MM/MDM/MD2M	F	S					
MM/MDM/MD3M	F	S					
MM/MDM/MD4M	F	S					
MM/MDM/MD2M/MD3M	F	S					
MM/MDM/MD2M/MD3M/MD4M/MD5M/MD6M	F	S					
D3/D4/D5/D6	F	S					
D4/D3	F	S					
D4/D5	F	S					
D4/D6	F	S					
D5/D3	F	S					
D5/D6	F	S					
D6/D3	F	S					
silox 1	F	S					
silox 2	F	S					
silox 3	F	S					

Siloxane/perfluorocarbon mixtures

MM/PP2	F	S					
MDM/PP2	F	S					
MD2M/PP2	F	S					
MD3M/PP2	F	S					
MD4M/PP2	F	S					
MM/CP28	F	S					
D4/CP28	F	S					
D4/PFCH	F	S					

Refrigerant mixtures

R113/ethanol				F	S		
R114/ethanol				F	S		
R134a/R116			R	F	S		
R134a/R142b			R	F	S		
R14/R23			R	F	S		
R401A			R				
R401B			R				
R401C			R				
R402A			R				
R402B			R				
R403A			R				
R403B			R				
R404A			R				
R405A			R				
R406A			R				
R407A			R	F	S		
R407B			R				
R407C			R				
R407D			R				
R407E			R				
R408A			R				
R409A			R				
R409B			R				
R410A			R	F	S		
R410B			R	F	S		
R411A			R				
R411B			R				
R412A			R				
R413A			R				
R414A			R				
R414B			R				
R415A			R				
R415B			R				
R416A			R				
R417A			R				
R418A			R				
R419A			R				
R420A			R				
R421A			R				
R421B			R				
R422A			R				
R422B			R				
R422C			R				
R422D			R				
R423A			R				
R424A			R				
R425A			R				
R426A			R				
R427A			R				
R428A			R				
R429A			R				
R430A			R				
R431A			R				
R432A			R				
R433A			R				
R434A			R				
R435A			R				
R436A			R				
R436B			R				
R437A			R				
R438A			R				
R500			R				
R501			R				
R502			R				
R503			R				
R504			R				
R507A			R				
R508A			R				
R508B			R				
R509A			R				
R510A			R				

Hydrocarbon mixtures

benzene/cyclohexane				F	S		
benzene/cyclohexane/hexane				F	S		
benzene/ethylbenzene				F	S		
benzene/hexane				F	S		
benzene/toluene				F	S		
butane/hexane				F	S		
butane/pentane				F	S		
ethylbenzene/toluene				F	S		
hexane/cyclohexane				F	S		
isobutane/isopentane				F	S		
pentane/hexane				F	S		
propane/pentane				F	S		

CO2-mixtures

carbon dioxide/benzene				F	S		
carbon dioxide/butane				F	S		
carbon dioxide/hexane				F	S		
carbon dioxide/pentane				F	S		
carbon dioxide/propane				F	S		
carbon dioxide/toluene				F	S		

Alcohol/water mixtures

methanol/water				F	S		
ethanol/water						S	

Natural gas mixtures

Amarillo Gas						R	
Gulf Coast Gas						R	
Ekofisk Gas						R	
High CO2 and Nitrogen Gas						R	
High Nitrogen Gas						R	

Other mixtures

methanol/benzene							S
nitrogen/oxygen				F	S		

