

PHYSICAL PROPERTIES OF SELECTED EXPLOSIVE LIQUIDS AND GASSES

MATERIAL	CHEMICAL FORMULA	SPECIFIC GRAVITY AIR = 1	IGNITION TEMP °F IN AIR	FLAMABILITY LIMITS IN AIR	
				LOWER	UPPER
Methane	CH₄	.55	1193°	5	15.0
Natural Gas	Blend	.65	1163°	4.5	14.5
Ethane	C₂H₆	1.04	993 - 1101°	3.0	12.5
Propane	C₃H₈	1.56	957 - 1090°	2.2	9.5
Butane	C₄H₁₀	2.01	912 - 1056°	1.9	8.5
Toluene	C₇H₈	3.14	1026 - 1031°	1.3	6.7
Gasoline	Blend	3.40	632°	1.4	7.6
Acetone	C₃HO	2.0	1042°	2.6	12.8
Benzene	C₆H₆	2.77	968°	1.4	6.7
Carbon Monoxide	CO	.97	1191 - 1216°	12.5	74.0
Hydrogen	H₂	.07	1076 - 1094°	4.0	75.0
Hydrogen Sulfide	H₂S	1.18	655 - 714°	4.3	45.0