

Aluminium	Al	26.98	
Ammoniumdinitramid	H4N4O4	124.06	
Polynitrobutendiol	C4H6N2O6	178.10	OB: -44.9% N: 15.7%

ADN + PNB	CH4N3O4	122.06	
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2 C4H6N2O6 36.48%	+	5 H4N4O4 63.52%	=	8 CO2 + 16 H2O + 12 N2
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3 CH4N3O4 87.16%	+	2 Al 12.84%	=	3 CO2 + 6 H2O + 4.5 N2 + Al2O3
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H4N4O4 55.36%	+	C4H6N2O6 31.80	+	Al 12.84%
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CH4N3O4 69.34%	+	2 Al 30.66%	=	CO + 2 H2 + 1.5 N2
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H4N4O4 44.04%	+	C4H6N2O6 25.30%	+	Al 30.66%
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C4H6N2O6 76.75%	+	2 Al 23.25%	=	4 C + 3 H2O + N2 + Al2O3
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C4H6N2O6 62.27%	+	4 Al 37.73%	=	4 C + 3 H2 + N2 + 2 Al2O3
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