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<b>•</b> • •	DD/50		55/55	Combustor	Bulk Avg.		
Oxidizer	BP/FP	Fuel	BP/FP	Temperature	Density	C*	lsp
	(°C)		(°C)	(K)	(g/cm <sup>3</sup> )	(m/s)	(s)
O <sub>2</sub>	-183/-218	H <sub>2</sub>	-253/-259	3010	0.3	2420	390
O <sub>2</sub>		RP-1	~210/-50	3680	1.0	1810	300
O <sub>2</sub>		UDMH	63/-58	3600	1.0	1860	310
O <sub>2</sub>		NH <sub>3</sub>	-33/-78	3080	0.9	1800	295
$F_2$	-188/-220	H <sub>2</sub>		3960	0.5	2560	410*
F <sub>2</sub>		Hydrazine	113/1.4	4680	1.3	2210	363*
$N_2O_4$	21/-12	ММН	86/-53	3390	1.2	1750	288*
$N_2O_4$		RP-1		3450	1.3	1650	275
UDMH=Un: MMH=Mon		imethyl hydra: zine CH <sub>3</sub> NH-I	zine (CH <sub>3</sub> ) <sub>2</sub> NI NH <sub>2</sub>	stor; p <sub>e</sub> =p <sub>a</sub> =14.7 ps NH <sub>2</sub> <b>Hydrazine</b> =N <b>NH<sub>3</sub>=</b> Ammor	N <sub>2</sub> H <sub>4</sub>		

		Combustion		
Propellant	Metal	Temperature	Density	lsp
	(wt %)	(K)	(g/cm <sup>3</sup> )	(s)
Double Base		2530	1.6	230
DB/AP	AI (20)	3870	1.8	265
Polyurethane-AP	AI (20)	3480	1.8	265
PBAN-AP	AI (16)	3480	1.8	263
HTPB-AP		3000	1.8	250
HTPB-AP	AI (17)	3480	1.9	265
Double Base=homogene C <sub>3</sub> H <sub>5</sub> (NO <sub>2</sub> ) AP=Ammonium Perchlora HTPB=Hydroxy-terminate	<sub>3</sub> -C <sub>6</sub> H <sub>7</sub> O <sub>2</sub> (NO <sub>2</sub> ) <sub>3</sub> ate <b>PBAN</b> =Polyb		rylonitrile Terpoly	/mer

