



507

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URANIUM FUEL COMPOUNDS					
Property	UO 2	UC	UC 2	UN	U _{.2} Zr _{.8} C _{.99}
Density, g/cc	10.96	13.63	11.68	14.32	8.01
J Density, g/cc	9.66	12.97	10.60	13.52	2.88
Melting Point, K	3100	2775	2710	3035*	3350
Thermal Expansion, 10 ⁻⁶ / K	10.1	11.2	12.0	8.9	7.6
(@ 1273 K) [hermal Conductivity, W/cm K	0.035	0.23	0.07	0.25	0.3
(@ 1273K)			{}	os Alan	108
		500			

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NP-TIM-92













LOS ALAMOS

NP TIM-92

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UO2 + C MICROSPHERE AFTER FREEZE DRYING≈500X



Los Alamos



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