PHYSICAL PROPERTIES OF URANIUM COMPOUNDS[1]

Compound	Weight Percent Uranium	Crystalline Color	Theoretical Density
UCl_4	--	--	4.87
UCl_6	--	--	3.59
UF_4	0.758	Green	6.7
UF_6	0.676	Pale Yellow	5.06
UH_3	--	--	10.92
UO_2	0.882	Brown-Black	10.96
U_3O_8	0.849	Olive Green-Black	8.39
UO_3	0.833	Yellow-Red	8.34
$UO_4 \cdot 2\ H_2O$	0.704	Pale Yellow	--
$UO_2(NO_3)_2$	0.604	--	--
$UO_2(NO_3)_2 \cdot 6\ H_2O$	0.474	Yellow	2.807
UO_2SO_4	0.650	--	--
$UO_2SO_4 \cdot 3\ H_2O$	0.567	Yellow-Green	3.28
$2\ UO_2SO_4 \cdot 7\ H_2O$	0.555	Yellow	--
UO_2F_2	--	White	6.37

(1) J. W. Wachter, "Y-12 Plant Nuclear Safety Handbook," Y-1272, 1963.