

Pu	<i>hP</i> 8	(176) $P6_3/m - hc$
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Pu *hp* [1]

Structural features: Distorted close-packed layers in h stacking.

Dabos Seignon S. et al. (1993) [1]

Pu

$a = 0.5378$, $c = 0.4455$ nm, $c/a = 0.828$, $V = 0.1116$ nm³, $Z = 8$

site	Wyck.	sym.	<i>x</i>	<i>y</i>	<i>z</i>	occ.	atomic environment
Pu1	<i>6h</i>	<i>m</i> ..	0.333	0.133	$\frac{1}{4}$		anticuboctahedron Pu ₁₂
Pu2	<i>2c</i>	-6..	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$		anticuboctahedron Pu ₁₂

Transformation from published data: origin shift 0 0 $\frac{1}{2}$

Experimental: powder, diffractometer, X-rays, $p = 62$ GPa

Remarks: Phase stable at $p > \sim 40$ GPa.

References: [1] Dabos Seignon S., Dancausse J.P., Gering E., Heathman S., Benedict U. (1993), J. Alloys Compd. 190, 237-242.