

## WORLD BYPF

Color: YELLOW

Type: PFM,IV

PGM: 97.9%

### Metal Content %

Au	Pt	Ir	In	Mn	Zn	Ta	Rh
86.5	10.4	x	x	x	1.5	x	x

'x' denotes a content of less than one percent.

### Thermal Properties

Melting Range	Casting Temperature	Density g/cm <sup>3</sup>
1905-2065°F	2335°F	18.6
1040-1130 °C	1280 °C	

### Mechanical Properties

Vickers Hardness (VHN)			Yield Strength N/mm <sup>2</sup> (0.2% Offset)		Tensile Strength N/mm <sup>2</sup>		Elongation %		Co-Eff. of Expansion ( um/m-°C )	
A.F.	Soft	Hard	Soft	Hard	Soft	Hard	Soft	Hard	25-500	25-600
220	180	250	550	665	650	750	8	5	14.3	14.5