

# Frits Pedersen

EST. 1953

Frits Pedersen A/S Denmark	<b>Legeringsdatablad</b> <b>Product Documentation</b>	Side 1
	<b>Legierungsdatenblatt</b> <b>Alloy data specification</b>	Dato 17.11.2022

Legering/Alloy:  
**Platin 600 BW**

Varebeskrivelse/Number of Material:  
**Platin legering/Platinum alloy**

<b>Farve/Colour:</b>	Hvid / White
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<b>Anvendelse</b> <b>Application:</b>	Støb	Cast product	●
	Plade	Sheet (thin sheet to 3 mm)	●
		Plate (more than 3 mm)	●
	Tråd	Wire	●
		Rod	●
Rør	Tube	●	
	Pipe	●	

<b>Sammensætning:</b>	Pt	600
Composition (in %)	Cu	Er i / in
	Ir	Er i / in

<b>Tekniske Data:</b>	Massefylde (in g/cm <sup>3</sup> )/ Spec. of alloy	Density (in g/cm <sup>3</sup> )	13,66
	Vickers hårdhed HV 5/30 Vickers hardness HV 5/30	/w/s) 170 (h/h) 300	
	Smelteinterval (in °C)/ Melting range (°C)		1270-1360

<b>Bearbejdning/Use:</b>	Forvarmningstemp. støbeform (in °C)/ Mould preheating temperature (°C)	850
	Støbetemperatur (in °C)/ Casting temperature (°C)	1480
	Udglødning/ Softening	850 °C/30 min.
	Hærdning/ Hardening	-----

(w/s) = veg/ soft (h/h) = hård/ hard

The technical details of the data are mean values of the laboratory - measurements under defined conditions, deviations of approximately +/- 10% are possible and normal.