

Frits Pedersen

EST. 1953

Frits Pedersen A/S Denmark	Legeringsdatablad Product Documentation		Side 1
	Legierungsdatenblatt Alloy data specification		Dato 01.05.2025

Legering/Alloy: PtW950 (PtW5)	Varebeskrivelse/Number of Material: Støb, plade, tråd, rør
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Farve/Colour:	Hvid White
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Anvendelse Application:	Støb	Cast product	●
	Plade	Sheet (thin sheet to 3 mm)	●
		Plate (more than 3 mm)	●
	Tråd	Wire	●
		Rod	●
	Rør	Tube	●
		Pipe	●

Sammensætning:	Pt	950
Composition (in %)		

Tekniske Data:	Massefylde (in g/cm ³)/ Spec. of alloy Density (in g/cm ³)	21,3
	Vickers hårdhed HV 5/20 Vickers hardness HV 5/20	(w/s)150 (h/h)260
	Smelteinterval (in °C)/ Melting range (°C)	1840-1860

Bearbejdning/Use:	Forvarmings temp. støbeform (in °C)/ Mould preheating temperature (°C)	1500
	Støbetemperatur (in °C)/ Casting temperature (°C)	2000
	Udglødning/ Softening	1300°C/15 min/ vand 1300°C/15 min/ water
	Hærdning/ Hardening	--°C/15 min/ luft --°C/15min/ air

(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.

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