

Frits Pedersen

EST. 1953

Frits Pedersen A/S Denmark	Legeringsdatablad Product Documentation		Side 1
	Legierungsdatenblatt Alloy data specification		Dato 29.04.2025

Legering/Alloy: 585/85	Varebeskrivelse/Number of Material: støb, plade, tråd, rør
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Farve/Colour:	Rød Red
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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:	Au	585
Composition (in %)	Ag	85
	Cu	327
	Zn	3

Tekniske Data: Spec. of alloy	Massefylde (in g/cm ³)/ Density (in g/cm ³)	13,3
	Vickers hårdhed HV 5/30 veg Vickers hardness HV 5/30 soft	140
	Smelteinterval (in °C)/ Melting range (°C)	865-900

Bearbejdning/Use:	Forvarmningstemp. støbeform (in °C)/ Mould preheating temperature (°C)	600-650
	Støbetemperatur (in °C)/ Casting temperature (°C)	1050
	Udglødning/ Softening	600-700°C/15 min/ vand 600-700°C/15 min/ water
	Hærdning/ Hardening	Ikke muligt No to age

(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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