

Frits Pedersen

EST. 1953

Frits Pedersen A/S Denmark	Legeringsdatablad Product Documentation	Side/Site 1/1
	Legierungsdatenblatt Alloy data specification	Dato 07.04.2016

Legering/Alloy: 590/15PD	Varebeskrivelse/Number of Material: Tene, støb, plade, tråd, rør
------------------------------------	--

Farve/Colour:	Hvid White
---------------	------------

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	590
Composition (in %)	Ag	160
	Pd	150

Tekniske Data:	Massefylde (in g/cm ³)/ Spec. of alloy Density (in g/cm ³)	14,3
	Vickers hårdhed HV 5/20 Vickers hardness HV 5/20	(w/s)120 (h/h)240
	Smelteinterval (in °C)/ Melting range (°C)	980 - 1080

Bearbejdning/Use:	Forvarmningstemp. støbeform (in °C)/ Mould preheating temperature (°C)	600
	Støbetemperatur (in °C)/ Casting temperature (°C)	1130 - 1180
	Udglødning/ Softening	740-800°C/15 min/ vand 740-800°C/15 min/ water
	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.