Material data sheet 3.7035 / Grade 2

Chemical composition

Fe %	O %	N %	C %	H %	Pd %	Ni %	Mo %
Max. 0,20	Max. 0,18	Max. 0,05	Max. 0,06	Max. 0,013	-	-	-

Mechanical properties at ambient temperature

Brinell hardness	Percent reduction of area at fraction	Proof stress		Tensile strength	Percent elongation at failure		Notched bar impact work DVM specimen	
HB30	Z min	$R_{p0,2}$ N/mm^2 min	$R_{p1,0}$	R_m MPa N/mm^2	A %min (Linear)	A %min (Transversal)	A J_{min} (Linear)	A J_{min} (Transversal)
150	30	250	270	390-540	22	20	41	34

(No responsibility is accepted for the accuracy of this information)

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