

STAINLESS STEEL: TABLES OF TECHNICAL PROPERTIES

GRADES	Mechanical properties of stainless steel flat products												
	DESIGNATIONS ▼		Product Form (1)	Thickness max [mm]	Heat Treatment (5) (13)	Hardness		Proof strength R _{0.2} [MPa] min. (14) (15) (transverse)	Tensile strength R _m [MPa]	Elongation after fracture		Impact energy (ISO-V)	
	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{80mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	(transverse)
AUSTENITIC	1.4372 ⁽¹⁾	201	C	8	AT	90 ⁽³⁰⁾	241 ⁽⁴²⁾	350	from 750 to 950	45	45	100	60
			H	13,5				330		40	40		
			P ⁽⁴⁾	75				330					
	1.4373 ⁽¹⁾	202	C	8	AT	90 ⁽³⁰⁾	241 ⁽⁴²⁾	340	from 680 to 880	45	45	100	60
			H	13,5				320		35	35		
			P ⁽⁴⁾	75				320					
	1.4371 ⁽¹⁾		C	8	AT			300	from 650 to 850	45	45	100	60
			H	13,5				280		35	35		
			P ⁽⁴⁾	75				280					
	1.4597 ⁽¹⁾		C	8	AT			300	from 580 to 780	40	40	100	60
			H	13,5				300					
	1.4369 ⁽¹⁾		C	4	AT			340	from 750 to 950	35	35		
	1.4310 ⁽¹⁾	301	C	8	AT	85 ⁽¹⁹⁾	217 ⁽⁴²⁾	250	from 600 to 950	40	40		
		301 L ⁽⁴⁵⁾			AT	100	241	220 *	min 550	45 *			
	1.4319 (I)		C	3	AT			230	from 550 to 750	45			
H			6	230				45					
1.4318 ⁽¹⁾	301 LN	C	8	AT	100 ⁽⁴²⁾	241 ⁽⁴²⁾	350	from 650 to 850	35	40	90	60	
		H	13,5				330		45	45			
		P ⁽⁴⁾	75				330						
	302 ⁽³⁵⁾			AT	85 ⁽³⁰⁾	201 ⁽⁴²⁾	276 * ⁽³⁰⁾	621	50 * ⁽³⁰⁾		108 ⁽³¹⁾		
							80 ⁽³¹⁾		241 * ⁽³¹⁾	60 * ⁽³¹⁾			
1.4305 ⁽¹⁾	303	P ⁽⁴⁾	75	AT			190	from 500 to 700	35	35			
1.4301 ⁽¹⁾	304	C	8	AT			80 ⁽¹⁹⁾	from 540 to 750	230	45 ⁽¹⁶⁾	45 ⁽¹⁶⁾	100	60
		H	13,5				80 ⁽²⁰⁾		210				
		P ⁽⁴⁾	75				149 ⁽²¹⁾		210				
1.4311 ⁽¹⁾	304 LN	C	8	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	290	from 550 to 750	40	40	100	60	
		H	13,5				270		45 ⁽¹⁶⁾	45 ⁽¹⁶⁾			
		P ⁽⁴⁾	75				270						
1.4948 ⁽¹⁰⁾	304 H	C	6	AT	92 ⁽⁴²⁾	201 ⁽⁴²⁾	230	from 530 to 740	45 ⁽¹⁶⁾	45 ⁽¹⁶⁾	100	60	
		H	12				210		45	45			
		P	75				190						
1.4307 ⁽¹⁾	304 L	C	8	AT	79 ⁽¹⁹⁾		220	from 520 to 700	45	45	100	60	
		H	13,5				79 ⁽²⁰⁾		200				
		P ⁽⁴⁾	75				143 ⁽²¹⁾		200				
1.4306 ⁽¹⁾	304 L	C	8	AT	79 ⁽¹⁹⁾		220	from 520 to 700	45	45	100	60	
		H	13,5				79 ⁽²⁰⁾		200				
		P ⁽⁴⁾	75				143 ⁽²¹⁾		200				
1.4315 (I)	304 N	C	8	AT	85 ⁽²⁰⁾	217 ⁽⁴²⁾	290	from 500 to 750	40	40	100	60	
		H	13,5				270		40	40			
		P ⁽⁴⁾	75				270						

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	DESIGNATIONS (▼)		Product Form (1)	Thickness max [mm]	Heat Treatment (5) (13)	Hardness		Proof strength R _{0.2} [MPa] min. (14) (15) (transverse)	Tensile strength R _m [MPa]	Elongation after fracture		Impact energy (ISO-V)	
	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{80mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	(transverse)
AUSTENITIC	1.4303 ⁽¹⁾	305	C	8	AT	80 ⁽²⁰⁾	183 ⁽⁴²⁾	220	from 500 to 650	45	45		
	1.4828 ⁽¹⁾		(32)	75	AT		223 ⁽¹⁷⁾	230 *	from 550 to 750	28 ⁽²⁶⁾	30	30 ⁽⁴⁶⁾	
	1.4833 ⁽¹⁾	309 S	(32)	75	AT	85 ⁽²⁰⁾	192 ⁽¹⁷⁾	210 *	from 500 to 700	33 ⁽²⁶⁾	35	30 ⁽⁴⁶⁾	
	1.4845 ⁽¹⁾	310 S	(32)	75	AT	95 ⁽⁴²⁾	192 ⁽¹⁷⁾	210 *	from 500 to 700	33 ⁽²⁶⁾	35	30 ⁽⁴⁶⁾	
	1.4841 ⁽¹⁾	314		75	AT		223 ⁽¹⁷⁾	230 *	from 550 to 750	28 ⁽²⁶⁾	30	30 ⁽⁴⁶⁾	
	1.4401 ⁽¹⁾	316	C	8	AT	79 ⁽¹⁹⁾	240	220	from 530 to 680	40	40	100	60
			H	13,5		79 ⁽²⁰⁾	220						
			P ⁽⁴⁾	75			149 ⁽²¹⁾						
	1.4436 ⁽¹⁾	316	C	8	AT	79 ⁽¹⁹⁾	240	220	from 550 to 700	40	40	100	60
			H	13,5		79 ⁽²⁰⁾	220						
			P ⁽⁴⁾	75			149 ⁽²¹⁾						
		316 N ⁽²⁵⁾			AT	85 ⁽²⁰⁾	217 ⁽⁴²⁾	331 *	621	48 *			
		316 H ⁽⁴⁵⁾			AT	95	217	205 *	min 515	40 *			
	1.4404 ⁽¹⁾	316 L	C	8	AT	79 ⁽¹⁹⁾	240	220	from 530 to 680	40	40	100	60
H			13,5	79 ⁽²⁰⁾		220							
P ⁽⁴⁾			75			146 ⁽²¹⁾	220						
1.4435 ⁽¹⁾	316 L	C	8	AT	79 ⁽¹⁹⁾	240	220	from 550 to 700	40	40	100	60	
		H	13,5		79 ⁽²⁰⁾	220							
		P ⁽⁴⁾	75			146 ⁽²¹⁾							220
1.4432 ⁽¹⁾	316 L	C	8	AT	79 ⁽¹⁹⁾	240	220	from 550 to 700	40	40	100	60	
		H	13,5		79 ⁽²⁰⁾	220							
		P ⁽⁴⁾	75			146 ⁽²¹⁾							220
1.4406 ⁽¹⁾	316 LN	C	8	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	300	from 580 to 780	40	40	100	60	
		H	13,5				280						
		P ⁽⁴⁾	75				280						
1.4429 ⁽¹⁾	316 LN	C	8	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	300	from 580 to 780	35	35	100	60	
		H	13,5				280						
		P ⁽⁴⁾	75				280						
1.4571 ⁽¹⁾	316 Ti	C	8	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	240	from 540 to 690	40	40	100	60	
		H	13,5				220						
		P ⁽⁴⁾	75				220						
1.4580 ⁽¹⁾	316 Cb	P ⁽⁴⁾	75	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	220	from 520 to 720	40	40	100	60	
	317 ⁽³⁵⁾			AT	85 ⁽²⁰⁾	160 ⁽²¹⁾	276 *	from 586 to 621	from 45 to 50 *		149		
1.4438 ⁽¹⁾	317 L	C	8	AT	85 ⁽²⁰⁾	217 ⁽⁴²⁾	240	from 550 to 700	35	35	100	60	
		H	13,5				220						
		P ⁽⁴⁾	75				80 ⁽²¹⁾						220

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	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{80mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	(transverse)
AUSTENITIC	1.4434 ⁽¹⁾	317 LN	C	8	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	290	from 570 to 770	35	35	100	60
			H	13,5				270					
			P ⁽⁴⁾	75				270					
	1.4439 ⁽¹⁾	317 LMN	C	8	AT	96 ⁽⁴²⁾	223 ⁽⁴²⁾	290	from 580 to 780	35	35	100	60
			H	13,5				270					
			P ⁽⁴⁾	75				270					
	1.4541 ⁽¹⁾	321	C	8	AT	80 ⁽¹⁹⁾	160 ⁽²¹⁾	220	from 520 to 720	40	40	100	60
			H	13,5		80 ⁽²⁰⁾		200					
			P ⁽⁴⁾	75		200							
	1.4878 ⁽¹⁾	321 H	⁽³²⁾	75	AT	95 ⁽⁴²⁾	215 ⁽¹⁷⁾	190 *	from 500 to 720	40 ⁽²⁶⁾	40	45 ⁽⁴⁶⁾	
	1.4550 ⁽¹⁾	347	C	8	AT	85 ⁽¹⁹⁾	160 ⁽²¹⁾	220	from 520 to 720	40	40	100	60
			H	13,5		85 ⁽²⁰⁾		200					
			P ⁽⁴⁾	75		200							
		347 H ⁽⁴⁵⁾			AT	92	201	205 *	min 515	40 *			
	1.4335 ⁽¹⁾		P	75	AT			200	from 470 to 670	40	40	100	60
	1.4466 ⁽¹⁾	310 MoLN	P ⁽⁴⁾	75	AT	95 ⁽⁴²⁾	217 ⁽⁴²⁾	250	from 540 to 740	40	40	100	60
	1.4361 ⁽¹⁾		P ⁽⁴⁾	75	AT			220	from 530 to 730	40	40	100	60
	1.4563 ⁽¹⁾		P ⁽⁴⁾	75	AT	from 70 to 90 ⁽⁴⁸⁾		220	from 500 to 700	40	40	100	60
1.4537 ⁽¹⁾		P ⁽⁴⁾	75	AT			290	from 600 to 800	40	40	100	60	
1.4539 ⁽¹⁾	904 L	C	8	AT	90 ⁽⁴²⁾		240	from 530 to 730	35	35	100	60	
		H	13,5				220						
		P ⁽⁴⁾	75				220						
1.4547 ⁽¹⁾		C	8	AT	96 ⁽⁴²⁾	223 ⁽⁴²⁾	320	from 650 to 850	35	35	100	60	
		H	13,5				300						
		P ⁽⁴⁾	75				300						
1.4652 ⁽¹⁾		C	8	AT			430	from 750 to 1000	40	40	100	60	
		H	13,5				430						
		P	75				430						
1.4659 ⁽¹⁾		P ⁽⁴⁾	75	AT			420	from 800 to 1000		40	100	60	
1.4529 ⁽¹⁾		P ⁽⁴⁾	75	AT			300	from 650 to 850	40	40	100	60	
1.4565 ⁽¹⁾		C	6	AT			420	from 800 to 950	30	30	120	90	
		H	10										
		P	40										
1.4864 ⁽¹⁾	330 ⁽³⁵⁾			AT		223 ⁽¹⁷⁾	230 *	from 550 to 750	28 ⁽²⁶⁾	30	30 ⁽⁴⁷⁾		
1.4835 ⁽¹⁾		⁽³²⁾	75	AT	95 ⁽⁴²⁾	210 ⁽¹⁷⁾	310 *	from 650 to 850	37 ⁽²⁶⁾	40			
1.4876 ⁽¹⁾		⁽³²⁾		AT	86 ^{(49) (50)}	192 ⁽¹⁷⁾	170 *	from 450 to 680	28 ⁽²⁶⁾	30	30 ⁽⁴⁷⁾		
1.4877 ⁽¹⁾				AT	95 ⁽²²⁾	223 ⁽¹⁷⁾	180 *	from 500 to 750	30 * ⁽²²⁾				
1.4818 ⁽¹⁾		⁽³²⁾		AT	95 ⁽⁴²⁾	210 ⁽¹⁷⁾	290 *	from 600 to 800	30 ⁽²⁶⁾	40			
1.4854 ⁽¹⁾		⁽³²⁾		AT	95 ⁽⁴²⁾	210 ⁽¹⁷⁾	300 *	from 650 to 850	40 ⁽²⁶⁾	40			

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	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{th<3mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	KV [J] min th>10mm (transverse)
DUPLEX	1.4462 ⁽¹⁾	2205	C	8	AT	31 ⁽³³⁾	293 ⁽⁴²⁾	500 ⁽²³⁾⁽⁴⁴⁾	from 700 to 950	20	20	100	60
			H	13.5				460 ⁽²³⁾⁽⁴⁴⁾		25	25		
			P	75				460 ⁽²³⁾⁽⁴⁴⁾		25	25		
	1.4362 ⁽¹⁾	2304	C	8	AT	32 ⁽³³⁾	290 ⁽⁴²⁾	450 ⁽²³⁾⁽⁴⁴⁾	from 650 to 850	20	20	100	60
			H	13.5				400 ⁽²³⁾⁽⁴⁴⁾		25	25		
			P	75				400 ⁽²³⁾⁽⁴⁴⁾		25	25		
	1.4655 ⁽¹⁾		C	8	AT			420 ⁽²³⁾⁽⁴⁴⁾	from 600 to 850	20	20	100	60
			H	13.5				400 ⁽²³⁾⁽⁴⁴⁾		25	25		
			P	75				400 ⁽²³⁾⁽⁴⁴⁾		25	25		
	1.4410 ⁽¹⁾	2507	C	8	AT	32 ⁽³³⁾	310 ⁽⁴²⁾	550 ⁽²³⁾⁽⁴⁴⁾	from 750 to 1000	15	15	100	60
			H	13.5				530 ⁽²³⁾⁽⁴⁴⁾		20	20		
			P	75				530 ⁽²³⁾⁽⁴⁴⁾		20	20		
	1.4507 ⁽¹⁾	255	C	8	AT	32 ⁽³³⁾	302 ⁽⁴²⁾	550 ⁽²³⁾⁽⁴⁴⁾	from 750 to 1000	17	17	100	60
			H	13.5				530 ⁽²³⁾⁽⁴⁴⁾		25	25		
			P	75				530 ⁽²³⁾⁽⁴⁴⁾		25	25		
	1.4501 ⁽¹⁾		C	8	AT			530 ⁽²³⁾⁽⁴⁴⁾	from 730 to 930	25	25	100	60
			H	13.5				450 ⁽²³⁾⁽⁴⁴⁾		25	25		
			P	75				400 ⁽²³⁾⁽⁴⁴⁾		25	25		
1.4424 ⁽¹⁾		C	8	AT			650 ⁽²³⁾⁽⁴⁴⁾	from 800 to 1050	20	20	100	60	
		H	13.5				550 ⁽²³⁾⁽⁴⁴⁾		20	20			
		P	75				550 ⁽²³⁾⁽⁴⁴⁾		20	20			
1.4477 ⁽¹⁾		C	8	AT			550 ⁽²³⁾⁽⁴⁴⁾	from 750 to 1000	20	20	100	60	
		H	13.5				550 ⁽²³⁾⁽⁴⁴⁾		20	20			
		P	75				550 ⁽²³⁾⁽⁴⁴⁾		20	20			
FERRITIC	1.4003 ⁽¹⁾		C	8	A	89 ⁽⁴²⁾	183 ⁽⁴²⁾	320 *	from 450 to 650	20		100 ⁽³⁷⁾	
			H	13.5				280 *		18			
			P	25 ⁽¹⁸⁾				280 *		18			
	1.4512 ⁽¹⁾	409	C	8	A	75 ⁽³⁰⁾		220 *	from 380 to 560	25			
			H	13.5									
			P	25 ⁽¹⁸⁾									
	1.4516 ⁽¹⁾		C	8	A			320 *	from 450 to 650	23		150 ⁽³⁴⁾	
			H	13.5									
			P	25 ⁽¹⁸⁾									
	1.4000 ⁽¹⁾	410 S	C	8	A	89 ⁽⁴²⁾	183 ⁽⁴²⁾	250 *	from 400 to 600	19			
			H	13.5				230 *					
			P	25 ⁽¹⁸⁾				230 *					
	1.4002 ⁽¹⁾	405	C	8	A	75 ⁽²⁰⁾	150 ⁽²¹⁾	250 *	from 400 to 600	17			
			H	13.5				230 *					
			P	25 ⁽¹⁸⁾				230 *					
1.4589 ⁽¹⁾		C	8	A			420 *	from 550 to 750	16				
		H	13.5				380 *		14				
		P	25 ⁽¹⁸⁾				276 *		30 *				
		429 ⁽³⁵⁾											

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	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{80mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	(transverse)	
			Impact energy (ISO-V)											
FERRITIC	1.4595 ⁽¹⁾		C	8	A			220 *	from 380 to 560	25				
	1.4016 ⁽¹⁾	430	C	8	A	85 ⁽²⁰⁾		280 *	from 450 to 600	20				
			H	13,5				260 *		18				
			P	25 ⁽¹⁸⁾				260 *	from 430 to 630	20				
	1.4520 ⁽¹⁾		C	8	A			200 *	from 380 to 530	24				
	1.4511 ⁽¹⁾		C	8	A			240 *	from 420 to 600	23				
	1.4017 ⁽¹⁾		C	8	A			350 *	from 500 to 750	12				
	1.4113 ⁽¹⁾	434	C	8	A	83 ⁽²⁰⁾		280 *	from 450 to 630	18				
			H	13,5										
	1.4513 ⁽¹⁾		C	8	A			220 *	from 400 to 550	23				
	1.4510 ⁽¹⁾	439	C	8	A	89 ⁽⁴²⁾	183 ⁽⁴²⁾		240 *	from 420 to 600	23			
			H	13,5										
	1.4521 ⁽¹⁾	444	C	8	A	96 ⁽⁴²⁾	217 ⁽⁴²⁾		320 *	from 420 to 640				
			H	13,5					300 *	from 400 to 600	20			
P			13,5					300 *	from 420 to 620					
1.4526 ⁽¹⁾	436	C	8	A			300 *	from 480 to 560	25					
1.4509 ⁽¹⁾		C	8	A			250 *	from 430 to 630	18					
1.4590 ⁽¹⁾		C	8	A			250 *	from 400 to 550	23					
1.4749 ⁽¹⁾	446	⁽³²⁾	12	A		212 ⁽¹⁷⁾	280 *	from 500 to 700	13 ⁽²⁶⁾	15 ⁽²⁸⁾	15 ⁽²⁹⁾			
1.4713 ⁽¹⁾		⁽³²⁾	13,5	A		192 ⁽¹⁷⁾	220 *	from 420 to 620		20 ⁽²⁸⁾	15 ⁽²⁹⁾			
1.4724 ⁽¹⁾		⁽³²⁾	13,5	A		192 ⁽¹⁷⁾	250 *	from 450 to 650	13 ⁽²⁶⁾	15 ⁽²⁸⁾	15 ⁽²⁹⁾			
1.4762 ⁽¹⁾		⁽³²⁾		A		223 ⁽¹⁷⁾	280 *	from 520 to 720	13 ⁽²⁶⁾	15 ⁽²⁸⁾	15 ⁽²⁹⁾			
1.4592 ⁽¹⁾		C	8	A			450 *	from 550 to 700	20					
MARTENSITIC	1.4006 ⁽¹⁾	410	C	8	A	90 ⁽⁶⁾	200 ⁽⁶⁾	205 * ⁽⁴¹⁾	max 600	20				
			H	13,5										
			p ^{(4),(7)}	75						QT550		400 *	from 550 to 750	15
	1.4024 ⁽¹⁾		C	8	A	90 ⁽⁶⁾	200 ⁽⁶⁾		max 650	20				
			H	13,5										
			P	75										
			P	75				QT550		400 *	from 550 to 750	15		
			P	75				QT650		450 *	from 650 to 850	12		
	1.4021 ⁽¹⁾	420	C	3	QT	from 44 to 50 ⁽²⁴⁾	from 440 to 530 ⁽²⁵⁾							
			C	8	A	95 ⁽⁶⁾	225 ⁽⁶⁾	345 * ⁽¹⁹⁾	max 700	15				
H			13,5											
p ^{(4),(7)}			75	QT650		450 *	from 650 to 850	12						
				QT750			550 *	from 750to 950	10			upon agreement		

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	EN [N°]	AISI/ASTM				HRB max	HB or HV max			A _{80mm} [%] min (2) th<3mm (tr. and long.)	A [%] min (3) th≥3mm (tr. and long.)	KV [J] min th>10mm (longitudinal)	(transverse)	
MARTENSITIC	1.4028 ⁽¹⁾	420	C	3	QT	from 45 to 51 ⁽²⁴⁾	from 450 to 550 ⁽²⁵⁾							
			C	8	A	97 ⁽⁶⁾	235 ⁽⁶⁾	345 * ⁽¹⁹⁾	max 740	15				
			H	13,5										
				P ⁽⁴⁾⁽⁷⁾	75	QT800			600 *	from 800 to 1000	10			
	1.4031 ⁽¹⁾	420	C	3	QT	from 47 to 53 ⁽²⁴⁾	from 480 to 580 ⁽²⁵⁾							
			C	8	A	98 ⁽⁶⁾	240 ⁽⁶⁾	345 * ⁽¹⁹⁾	max 760	12				
			H	13,5										
	1.4034 ⁽¹⁾	420	C	8	A	99 ⁽⁶⁾	245 ⁽⁶⁾	345 * ⁽¹⁹⁾	max 780	12				
			H	13,5										
	1.4116 ⁽¹⁾		C	8	A	100 ⁽⁶⁾	280 ⁽⁶⁾		max 850	12				
			H	13,5										
	1.4110 ⁽¹⁾		C	8	A	100 ⁽⁶⁾	280 ⁽⁶⁾		max 850	12				
			H	13,5										
			P	75										
	1.4419 ⁽¹⁾		C	3	QT	from 46 to 52 ⁽²⁴⁾	from 450 to 560 ⁽²⁵⁾							
C			4	A	97 ⁽⁶⁾	235 ⁽⁶⁾		max 760	15					
H			6,5											
1.4122 ⁽¹⁾		C	3	QT	from 47 to 53 ⁽²⁴⁾	from 480 to 580 ⁽²⁵⁾								
		C	8	A	100 ⁽⁶⁾	280 ⁽⁶⁾		max 900	12					
		H	13,5											
1.4313 ⁽¹⁾		P ⁽⁴⁾	75	QT780			630 *	from 780 to 980	15		70			
				QT900			800 *	from 900 to 1100	11					
1.4418 ⁽¹⁾		P ⁽⁴⁾	75	QT840			660 *	from 840 to 1100	14		55			
1.4422 ⁽¹⁾		H	13,5	A	100 ⁽⁶⁾	300 ⁽⁶⁾	550 *	from 750 to 950		15	100			
				QT650			max 300 ⁽²⁵⁾							
1.4423 ⁽¹⁾		H	13,5	A	100 ⁽⁶⁾	300 ⁽⁶⁾	550 *	from 750 to 950		15	100			
				QT650			max 300 ⁽²⁵⁾							
PH	1.4542 ⁽¹⁾	630	C	8	AT ⁽⁸⁾		35 ⁽⁸⁾	1000 * ⁽²⁰⁾	≤ 1275		5			
					P1300 ⁽⁹⁾			1150 *	≥ 1300		3			
					P900 ⁽⁹⁾			700 *	≥ 900		6			
			P	50	P1070 ⁽¹⁰⁾			1000 *		from 1070 to 1270	8	10		
					P950 ⁽¹⁰⁾			800 *		from 950 to 1150	10	12		
					P850 ⁽¹⁰⁾			600 *		from 850 to 1050	12	14		
					SR630 ⁽¹¹⁾					≤ 1050				
1.4568 ⁽¹⁾	631	C	8	AT ⁽⁸⁾⁽¹²⁾	92 ⁽⁴³⁾		max 380 * ⁽⁴³⁾	≤ 1030		19				
				P1450 ⁽⁹⁾			1310 *	≥ 1450		2				