

Skład chemiczny (%) / Właściwości mechaniczne

EN 10088	PN Polska	SKŁAD CHEMICZNY %										WŁASNOŚCI MECHANICZNE				STRUKTURA
		C	Si	Mn	P	S	N	Cr	Mo	Ni	inne	R _e (R _{p0.2}) N/mm ² min.	R _m N/mm ²	A ₅ % min.	Hb max. HRC	
1.4000	OH13	<=0.08	<=1.0	<=1.0	<=0.04			12.00-14.00				230	400-630	20	200	FERYTYCZNE
1.4003		<=0.03	<=1.0	<=1.5	<=0.04	<=0.015	<=0.030	10.50-12.50		0.30-1.00	230		20	200		
1.4016	H17	<=0.08	<=1.0	<=1.0	<=0.04	<=0.015		16.00-18.00			240	400-630	20	200		
1.4510	OH17T	<=0.05	<=1.0	<=1.0	<=0.04					Ti4x(C+N)+0.15<=0.80	240	420-600	23	180		
1.4006	1H13	0.08-0.15	<=1.0	<=1.5	<=0.04	<=0.015		11.50-13.50		<=0.75	450	<= 730 650-850	15		MARTENZYCZNE	
1.4021	2H13	0.16-0.25	<=1.0	<=1.5	<=0.04	<=0.015		12.00-14.00			600	<= 760 800-950	12			
1.4028	3H13	0.26-0.36	<=1.0	<=1.5	<=0.04	<=0.015		12.00-14.00			650	<= 830 850-1000	10			
1.4031	4H13	0.36-0.42	<=1.0	<=1.0	<=0.04	<=0.015		12.50-14.50				<= 800				
1.4034	4H13	0.43-0.5	<=1.0	<=1.0	<=0.04	<=0.015		12.50-14.50				<= 800				
1.4057	4H17N 22H17M2	0.12-0.22	<=1.0	<=1.5	<=0.04	<=0.015		15.00-17.00		1.50-2.50	700	<= 950 900-1050	12			
1.4122	3H17M	0.33-0.45	<=1.0	<=1.5	<=0.04	<=0.015		15.50-17.50	0.80-1.30	<1.00	550	<= 900 750-950	12			
1.4301	OH18N9	<=0.07	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	17.00-19.50		8.00-10.50	190	500-700	45	215		AUSTENITYCZNE
1.4305		<=0.10	<=1.0	<=2.0	<=0.045	0.15-0.35	<=0.011	17.00-19.00		8.00-10.00	190	500-770	35	230		
1.4306	OOH18N10	<=0.03	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	18.00-20.00		10.00-12.00	180	460-680	45	215		
1.4307		<=0.03	<=1.0	<2.0	<=0.045	<=0.015	<=0.011	17.50-19.50		8.00-10.00	175	460-680	45	215		
1.4310	1H18N9	0.05-0.15	<=2.0	<=2.0	<=0.045	<=0.015	<=0.011	16.00-19.00	<=0.08	6.00-9.50	195	500-700	40	230		
1.4401	OH17N14M2T	<=0.07	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	16.50-18.50	2.00-2.50	10.00-13.00	200	500-700	40	215		
1.4404	OOH17N14M2	<=0.03	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	16.50-18.50	2.00-2.50	10.00-13.00	200	500-700	40	215		
1.4435		<=0.03	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	17.00-19.00	2.50-3.00	12.50-15.00	200	500-700	35	215		
1.4436		<=0.05	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	16.50-18.50	2.50-3.00	10.50-13.00	200	500-700	40	215		
1.4438		<=0.03	<=1.0	<=2.0	<=0.045	<=0.015	<=0.011	17.50-19.50	3.00-4.00	13.00-16.00	200	500-700	40	215		
1.4439		<=0.03	<=1.0	<=2.0	<=0.045	<=0.015	0.12-0.22	16.50-18.50	4.00-5.00	12.50-14.50	280	580-800	35	250		
1.4529		<=0.02	<=0.5	<=1.0	<=0.030	<=0.010	0.15-0.25	19.00-21.00	6.00-7.00	24.00-26.00	300	650-850	40	250		
1.4539	OH22N24M4TCu	<=0.02	<=0.7	<=2.0	<=0.030	<=0.010	<=0.15	19.00-21.00	4.00-5.00	24.00-26.00	230	530-730	35	230		
1.4541	OH18N10T 1H18N9T 1H18N10T	<=0.08	<=1.0	<=2.0	<=0.045	<=0.015		17.00-19.00		9.00-12.00	190	500-700	45	215		
1.4547		<=0.02	<=0.7	<=1.0	<=0.030	<=0.010	0.18-0.25	19.50-20.50	6.00-7.00	17.50-18.50	300	650-850	35	260		
1.4550	OH18N12Nb	<=0.08	<=1.0	<=2.0	<=0.045	<=0.015		17.00-19.00		9.00-12.00	205	510-740	40	230		
1.4571	H17N13M2T H18N10MT	<=0.08	<=1.0	<=2.0	<=0.045	<=0.015		16.50-18.50	2.00-2.50	10.50-13.50	200	500-700	40	215		
1.4362		<=0.03	<=1.0	<=2.0	<=0.035	<=0.015	0.05-0.20	22.00-24.00	0.10-0.60	3.50-5.50	400	600-830	25	260	FERYTYCZNO-AUSTENITYCZNE	
1.4410		<=0.03	<=1.0	<=2.0	<=0.035	<=0.015	0.20-0.35	24.60-26.00	3.00-4.50	6.00-8.00	530	730-930	25	290		
1.4460		<=0.05	<=1.0	<=2.0	<=0.035	<=0.015	0.05-0.20	25.00-28.00	1.30-2.00	4.50-6.50	460	620-880	20	260		
1.4462		<=0.03	<=1.0	<=2.0	<=0.035	<=0.015	0.10-0.22	21.00-23.00	2.30-3.50	4.50-6.50	450	620-880	25	270		
1.4718	H9S2	0.40-0.50	2.70-3.30	<=0.8	<=0.040	<=0.03		8.00-10.00		<=0.60	700	900-1100	14	217 25-32	M	
1.4724	H13JS	<=0.12	0.70-1.40	<=1.0	<=0.040	<=0.015		12.00-14.00		AI 0.70-1.20	250	450-650	15	192	FERYTYCZNE	
1.4742	H18JS	<=0.12	0.70-1.40	<=1.0	<=0.040	<=0.015		17.00-19.00		AI 0.70-1.20	270	500-700	12	212		
1.4749	(H25T)	0.15-0.20	<=1.0	<=1.0	<=0.045	<=0.015	0.15-0.25	26.00-29.00		AI 0.70-1.20	280	500-700	15	217		
1.4762	H24JS	<=0.12	0.70-1.40	<=1.0	<=0.040	<=0.015		23.00-26.00		AI 1.20-1.70	280	520-720	10	223		
1.7362	H5M	<=0.15	<=0.50	<=0.5	<=0.035	<=0.030		4.50-6.00	0.45-0.60	<=0.50	215	>= 390	22	170		
1.4828	H20N12S2	<=0.20	1.50-2.00	<=2.0	<=0.045	<=0.030	<=0.011	19.00-21.00		11.00-13.00	230	500-750	30	223	AUSTENITYCZNE	
1.4833	(H23N13)	<=0.15	<=1.00	<=2.0	<=0.045	<=0.030	<=0.011	22.00-24.00		12.00-14.00	210	500-750	26	192		
1.4841	H25N20S2	<=0.20	1.50-2.50	<=2.0	<=0.045	<=0.030	<=0.011	24.00-26.00		19.00-22.00	230	550-800	30	223		
1.4843	H23N18	<=0.20	<=1.00	<=1.5	<=0.045	<=0.030		22.00-25.00		17.00-20.00	295	>= 540	35	192		
1.4845	(H23N18)	<=0.10	<=1.50	<=2.0	<=0.045	<=0.030	<=0.011	24.00-26.00		19.00-22.00	210	500-750	35	192		
1.4864	H16N36S2	<=0.15	1.00-2.00	<=2.0	<=0.045	<=0.030	<=0.011	15.00-17.00		33.00-37.00	230	550-800	30	223		
1.4876		<=0.12	<=1.00	<=2.0	<=0.045	<=0.030		19.00-23.00		30.00-34.00	210	500-750	30	192		
1.4878		<=0.10	<=1.00	<=2.0	<=0.045	<=0.030		17.00-19.00		9.00-12.00	210	500-750	40	192		
	H18N9S	0.10-0.20	0.80-2.00	<=2.0	<=0.045	<=0.030		17.00-20.00		8.00-11.00	275	>= 570	40	192		