

## LABORATORYJNE TERMOMETRY SZKLANE ASTM

Lp	Nr kat.	Typ	Zastosowanie	Zakres pomiarowy	Długość	Zanurzenie
1	A 300 010	1C	Partial Immersion	-20... +150 :1°C	322	76
2	A 300 030	2C	Partial Immersion	-5... +300 :1°C	390	76
3	A 300 050	3C	Partial Immersion	-5... +400 :1°C	415	76
4	A 300 070	5C	Cloud and Pour	-38... +50 :1°C	230	108
5	A 300 090	6C	Low Cloud and Pour	-80... +20 :1°C	230	76
6	A 300 110	7C	Low Distillation	-2... +300 :1°C	385	zupełne
7	A 300 130	8C	High Distillation	-2... +400 :1°C	385	zupełne
8	A 300 150	9C	Low Pensky-Martens	-5... +110 :0,5°C	290	57
9	A 300 170	10C	High Pensky-Martens	+90... +370 :2°C	290	57
10	A 300 190	11C	Cleveland Open Flash	-6... +400 :2°C	310	25
11	A 300 210	12C	Density-Wide Range	-20... +102 :0,2°C	420	zupełne
12	A 300 230	13C	Loss on Heat	+155... +170 :0,5°C	155	zupełne
13	A 300 240	14C	Wax Melting Point	+38... +82 :0,1°C	375	79
14	A 300 260	15C	Low Softening Point	-2... +80 :0,2°C	395	zupełne
15	A 300 280	16C	High Softening Point	+30... +200 :0,5°C	395	zupełne
16	A 300 300	17C	Saybolt Viscosity	+19... +27 :0,1°C	275	zupełne
17	A 300 320	18C	Reid Vapour Pressure	+34... +42 :0,1°C	275	zupełne
18	A 300 340	19C	Saybolt Viscosity	+49... +57 :0,1°C	275	zupełne
19	A 300 360	20C	Saybolt Viscosity	+57... +65 :0,1°C	275	zupełne
20	A 300 380	21C	Saybolt Viscosity	+79... +87 :0,1°C	275	zupełne
21	A 300 400	22C	Oxidation Stability	+95... +103 :0,1°C	275	zupełne
22	A 300 420	23C	Engler Viscosity	+18... +28 :0,2°C	212	90
23	A 300 430	24C	Engler Viscosity	+39... +54 :0,2°C	237	90
24	A 300 440	25C	Engler Viscosity	+95... +105 :0,2°C	212	90
25	A 300 450	26C	Stability Test-Soluble Nitrocellulose	+130... +140 :0,1°C	463	zupełne
26	A 300 460	27C	Turpentine Distillation	+147... +182 :0,5°C	301	76
27	A 300 468	28C	Kinematic Viscosity	+36,6...+39,4 :0,05°C	305	zupełne
28	A 300 478	29C	Kinematic Viscosity	+52,6...+55,4 :0,05°C	305	zupełne
29	A 300 500	33C	Low Aniline Point	-38... +42 :0,2°C	420	50
30	A 300 520	34C	Medium Aniline Point	+25... +105 :0,2°C	420	50
31	A 300 540	35C	High Aniline Point	+90... +170 :0,2°C	420	50
32	A 300 560	36C	Titer Test	-2... +68 :0,2°C	405	45
33	A 300 570	37C	Solvents Distillation	-2... +52 :0,2°C	395	100
34	A 300 580	38C	Solvents Distillation	+24... +78 :0,2°C	395	100
35	A 300 590	39C	Solvents Distillation	+48... +102 :0,2°C	395	100
36	A 300 600	40C	Solvents Distillation	+72... +126 :0,2°C	395	100
37	A 300 610	41C	Solvents Distillation	+98... +152 :0,2°C	395	100
38	A 300 620	42C	Solvents Distillation	+95... +255 :0,5°C	395	100
39	A 300 628	43C	Kinematic Viscosity	-51,6... -34 :0,1°C	420	zupełne
40	A 300 634	44C	Kinematic Viscosity	+18,6...+21,4 :0,05°C	305	zupełne
41	A 300 644	45C	Kinematic Viscosity	+23,6...+26,4 :0,05°C	305	zupełne

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42	A 300 654	46C	Kinematic Viscosity	+48,6...+51,4 :0,05°C	305	zupelne
43	A 300 664	47C	Kinematic Viscosity	+58,6...+61,4 :0,05°C	305	zupelne
44	A 300 678	48C	Kinematic Viscosity	+80,6...+83,4 :0,05°C	305	zupelne
45	A 300 690	49C	Stormer Viscosity	+20... +70 :0,2°C	305	65
46	A 300 720	52C	Butadiene Boiling Point Range	-10... +5 :0,1°C	162	zupelne
47	A 300 730	54C	Congealing Point	+20... +100,6 :0,2°C	310	zupelne
48	A 300 750	56C	Bomb Calorimeter	+19... +35 :0,02°C	585	zupelne
49	A 300 770	57C	Tag Closed Tester Low Range	-20... +50 :0,5°C	287	57
50	A 300 788	58C	Tank	-34... +49 :0,5°C	303	zupelne
51	A 300 798	59C	Tank	-18... +82 :0,5°C	303	zupelne
52	A 300 808	60C	Tank	+77... +260 :1°C	303	zupelne
53	A 300 820	61C	Petrolatum Melting Point	+32... +127 :0,2°C	380	79
54	A 300 840	62C	Precision	-38... +2 :0,1°C	379	zupelne
55	A 300 860	63C	Precision	-8... +32 :0,1°C	379	zupelne
56	A 300 880	64C	Precision	+25... +55 :0,1°C	379	zupelne
57	A 300 900	65C	Precision	+50... +80 :0,1°C	379	zupelne
58	A 300 920	66C	Precision	+75... +105 :0,1°C	379	zupelne
59	A 300 940	67C	Precision	+95... +155 :0,2°C	379	zupelne
60	A 300 960	68C	Precision	+145... +205 :0,2°C	379	zupelne
61	A 300 980	69C	Precision	+195... +305 :0,5°C	379	zupelne
62	A 301 000	70C	Precision	+295... +405 :0,5°C	379	zupelne
63	A 301 014	71C	Oil in Wax	-37... +21 :0,5°C	355	76
64	A 301 028	72C	Kinematic Viscosity	-19,4...-16,6 :0,05°C	305	zupelne
65	A 301 034	73C	Kinematic Viscosity	-41,4...-38,6 :0,05°C	305	zupelne
66	A 301 048	74C	Kinematic Viscosity	-55,4...-52,6 :0,05°C	305	zupelne
67	A 301 130	82C	Fuel Rating, Engine	-15... +105 :1°C	162	30
68	A 301 150	83C	Fuel Rating, Air	+15... +70 :1°C	171	40
69	A 301 170	84C	Fuel Rating, Orifice Tank	+25... +80 :1°C	382	249
70	A 301 190	85C	Fuel Rating, Surge	+40... +150 :1°C	310	181
71	A 301 210	86C	Fuel Rating, Mix	+95... +175 :1°C	167	35
72	A 301 230	87C	Fuel Rating, Coolant	+150... +205 :1°C	172	40
73	A 301 250	88C	Vegetable Oil Flash	+10... +200 :1°C	287	57
74	A 301 270	89C	Solidification Point	-20... +10 :0,1°C	370	76
75	A 301 280	90C	Solidification Point	0... +30 :0,1°C	370	76
76	A 301 290	91C	Solidification Point	+20... +50 :0,1°C	370	76
77	A 301 300	92C	Solidification Point	+40... +70 :0,1°C	370	76
78	A 301 310	93C	Solidification Point	+60... +90 :0,1°C	370	76
79	A 301 320	94C	Solidification Point	+80... +110 :0,1°C	370	76
80	A 301 330	95C	Solidification Point	+100... +130 :0,1°C	370	76
81	A 301 340	96C	Solidification Point	+120... +150 :0,1°C	370	76
82	A 301 348	97C	Tank	-18... +49 :0,5°C	302	zupelne
83	A 301 358	98C	Tank	+16... +82 :0,5°C	302	zupelne

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84	A 301 368	99C	Weathering Test	-50... +5 :0,2°C	302	35
85	A 301 380	100C	Solidification Point	+145... +205 :0,2°C	370	76
86	A 301 390	101C	Solidification Point	+195... +305 :0,5°C	370	76
87	A 301 400	102C	Solvents Distillation	+123... +177 :0,2°C	395	100
88	A 301 410	103C	Solvents Distillation	+148... +202 :0,2°C	395	100
89	A 301 420	104C	Solvents Distillation	+173... +227 :0,2°C	395	100
90	A 301 430	105C	Solvents Distillation	+198... +252 :0,2°C	395	100
91	A 301 440	106C	Solvents Distillation	+223... +277 :0,2°C	395	100
92	A 301 450	107C	Solvents Distillation	+248... +302 :0,2°C	395	100
93	A 301 474	110C	Kinematic Viscosity	+133,6.+136,4 :0,05°C	305	zupełne
94	A 301 490	111C	Tar Acids Distillation	+170... +250 :0,2°C	395	100
95	A 301 500	112C	Solidification Point of Benzene	+4... +6 :0,02°C	215	zupełne
96	A 301 510	113C	Softening Point Wide Range	-1... +175 :0,5°C	405	zupełne
97	A 301 530	114C	Aviation Fuel Freezing Point	-80... +20 :0,5°C	300	zupełne
98	A 301 550	116C	Bomb Calorimeter	+18,9...+25,1 :0,01°C	609	zupełne
99	A 301 560	117C	Bomb Calorimeter	+23,9...+30,1 :0,01°C	609	zupełne
100	A 301 570	118C	Kinematic Viscosity	+28,6...+31,4 :0,05°C	305	zupełne
101	A 301 590	119C	Anti-freeze Freezing Point	-38,3... -30 :0,1°C	420	100
102	A 301 610	120C	Kinematic Viscosity	+38,6...+41,4 :0,05°C	305	zupełne
103	A 301 630	121C	Kinematic Viscosity	+98,6.+101,4 :0,05°C	305	zupełne
104	A 301 650	122C	Brookfield Viscosity	-45... -35 :0,1°C	300	zupełne
105	A 301 670	123C	Brookfield Viscosity	-35... -25 :0,1°C	300	zupełne
106	A 301 690	124C	Brookfield Viscosity	-25... -15 :0,1°C	300	zupełne
107	A 301 710	125C	Brookfield Viscosity	-15... -5 :0,1°C	300	zupełne
108	A 301 730	126C	Kinematic Viscosity	-27,4... -24,6 :0,05°C	305	zupełne
109	A 301 770	127C	Kinematic Viscosity	-21,4... -18,6 :0,05°C	305	zupełne
110	A 301 790	128C	Kinematic Viscosity	-1,4... +1,4 :0,05°C	305	zupełne
111	A 301 830	129C	Kinematic Viscosity	+91,6...+94,4 :0,05°C	305	zupełne
112	A 301 860	130C	Tank	-7... +105 :0,5°C	303	zupełne