

reloaders

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Mini statistics

Highest Rifle Velocity

5278 fps in .22-243 Middl

5130 fps in .22-250 Ack Im

Most Powerful Rifle

14412 ft-lbs in .700 NE

13109 ft-lbs in .50 BMG

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Powder Burn Rate Comparison

WARNING! Listed burn rates are approximate. Numerous variables preclude the possibility of exact burn rate comparisons. Exercise proper handloading techniques and safety precautions at all times when handloading ammunition.

266 Powders Ranked Fastest To Slowest

(fastest burn rate)

1	PCL 514 (PB Clermont)
2	R-1 (Norma)
3	AP-30N (ADI)
4	PK3 (Bofors)
5	P805 (Rottwil)
6	BA 10 (Vectan)
7	N310 (Vihtavuori)
8	Titewad (Hodgdon)
9	Nitro 100 (Accurate)
10	Bullseye (Alliant)
11	Pis-3 (Nobel)
12	Solo 1000 (Accurate)
13	P801 (Rottwil)
14	S121 (Somchem)
15	Red Diamond (Scot)
16	AS (Vectan)
17	Red Dot (Alliant)
18	PCL 509 (PB Clermont)
19	PK5 (Bofors)
20	e3 (Alliant)
21	NOB-78 (Nobel)
22	Solo 1000 (Scout)
23	MS200 (Somchem)
24	Promo (Alliant)
25	AS- 30N (ADI)
26	Titegroup (Hodgdon)
27	No. 2 (Accurate)
28	American Select (Alliant)
29	AA Plus (Winchester)
30	N2010 (Norma)
31	Clays (Hodgdon)
32	N320 (Vihtavuori)
33	Competition (Ramshot)
34	Royal D (Scot)
35	WST (Winchester)
36	AP- 50N (ADI)
37	HP38 (Hodgdon)
38	452AA (Winchester)
39	453 (Scot)
40	231 (Winchester)
41	PB (IMR)
42	Zip (Ramshot)
43	700X (IMR)
44	Green Dot (Alliant)
45	AS- 50N (ADI)
46	International Clays (Hodgdon)
47	PCL 515 (PB Clermont)
48	NOB-80 (Nobel)
49	No. 5 (Accurate)
50	473AA (Winchester)
51	HS-5 (Hodgdon)
52	WSL (Winchester)
53	PK4 (Bofors)
54	PCL 506 (PB Clermont)
55	P804 (Rottwil)
56	PCL 501 (PB Clermont)
57	Unique (Alliant)
58	Universal Clays (Hodgdon)
59	NOB-82 (Nobel)
60	N330 (Vihtavuori)

61	AP- 70N (ADI)
62	Power Pistol (Alliant)
63	SR-7625 (IMR)
64	HS-6 (Hodgdon)
65	AS-70N (ADI)
66	Silhouette (Ramshot)
67	NOB-84 (Nobel)
68	WAP (Winchester)
69	N340 (Vihtavuori)
70	P803 (Rottweil)
71	MP200 (Somchem)
72	A1 (Vectan)
73	AP-90N (ADI)
74	540 (Winchester)
75	Herco (Alliant)
76	WSF (Winchester)
77	BA9 (Vectan)
78	SR-4756 (IMR)
79	PCL 504 (PB Clermont)
80	AP- 100 (ADI)
81	PK6 (Bofors)
82	AO (Vectan)
83	Solo 1250 (Accurate)
84	S221 (Somchem)
85	SP8 (Vectan)
86	3N37 (Vihtavuori)
87	800X (IMR)
88	No. 7 (Accurate)
89	Longshot (Hodgdon)
90	Solo 1500 (Scot)
91	True Blue (Ramshot)
92	NOB-86 (Nobel)
93	P806 (Rottweil)
94	SP2 (Vectan)
95	N350 (Vihtavuori)
96	3N38 (Vihtavuori)
97	HS-7 (Hodgdon)
98	Blue Dot (Alliant)
99	571 (Winchester)
100	NOB-PP1 (Nobel)
101	N105 (Vihtavuori)
102	No. 9 (Accurate)
103	Enforcer (Ramshot)
104	4100 (Scot)
105	Steel (Alliant)
106	2400 (Alliant)
107	N110 (Vihtavuori)
108	Lil Gun (Hodgdon)
109	30 Carbine (Rottweil)
110	R123 (Norma)
111	PCL 512 (PB Clermont)
112	NOB-89 (Nobel)
113	SP3 (Vectan)
114	R910 (Rottweil)
115	S265 (Somchem)
116	REV-1 (Nobel)
117	H110 (Hodgdon)
118	REV-3 (Nobel)
119	BA6 (Vectan)
120	296 (Winchester)
121	AR2205 (ADI)
122	SR-4759 (IMR)
123	N120 (Vihtavuori)
124	4227 (IMR)
125	RP1 (Bofors)
126	R901 (Rottweil)
127	H4227 (Hodgdon)
128	5744 XMR (Accurate)
129	410 (Alliant)
130	RIF-3 (Nobel)
131	N130 (Vihtavuori)
132	SP-3 (Vectan)
133	680 (Winchester)
134	N200 (Norma)
135	PCL 508 (PB Clermont)
136	1680 (Accurate)
137	TU2000 (Vectan)

138	AR2207 (ADI)
139	H4198 (Hodgdon)
140	N133 (Vihtavuori)
141	4198 (IMR)
142	BM1 (ADI)
143	Brig 4197 (Scot)
144	2015 XMR (Accurate)
145	Brig 3032 (Scot)
146	Reloader 7 (Alliant)
147	RIF-2 (Nobel)
148	3031 (IMR)
149	Benchmark (Hodgdon)
150	BM2 (ADI)
151	RP2 (Bofors)
152	R902 (Rottweil)
153	S321 (Somchem)
154	N201 (Norma)
155	Brig 322 (Scot)
156	AR2219 (ADI)
157	H322 (Hodgdon)
158	TU3000 (Vectan)
159	X-Terminator (Ramshot)
160	2230 (Accurate)
161	RIF-1 (Nobel)
162	748 (Winchester)
163	Reloader 10X (Alliant)
164	BLC-2 (Hodgdon)
165	AR2206 (ADI)
166	2460 (Accurate)
167	H335 (Hodgdon)
168	TAC (Ramshot)
169	H4895 (Hodgdon)
170	2495 XMR (Accurate)
171	AR2206H (ADI)
172	PCL 507 (PB Clermont)
173	N202 (Norma)
174	SP10 (Vectan)
175	BOF7.62 (Bofors)
176	S335 (Somchem)
177	Reloader 12 (Alliant)
178	4895 (IMR)
179	Brig 4065 (Scot)
180	N135 (Vihtavuori)
181	SP9 (Vectan)
182	Varget (Hodgdon)
183	5000 (Vectan)
184	AR2208 (ADI)
185	4064 (IMR)
186	4064 XMR (Accurate)
187	2520 (Accurate)
188	SP7 (Vectan)
189	4320 (IMR)
190	N203 (Norma)
191	R903 (Rottweil)
192	PCL 516 (PB Clermont)
193	BOF RP3 (Bofors)
194	N140 (Vihtavuori)
195	N540 (Vihtavuori)
196	2700 (Accurate)
197	Big Game (Ramshot)
198	Reloader 15 (Alliant)
199	H380 (Hodgdon)
200	N203B (Norma)
201	S361 (Somchem)
202	S355 (Somchem)
203	R907 (Rottweil)
204	760 (Winchester)
205	Brig 4351 (Scot)
206	H414 (Hodgdon)
207	RIF-0 (Nobel)
208	TU5000 (Vectan)
209	PCL 511 (PB Clermont)
210	N150 (Vihtavuori)
211	N550 (Vihtavuori)
212	4350 XMR (Accurate)
213	4350 (IMR)
214	S365 (Somchem)

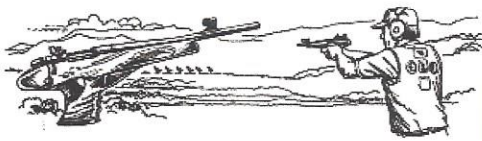
	215	TU7000 (Vectan)
	216	AR2209 (ADI)
*	217	H4350 (Hodgdon)
	218	N204 (Norma)
	219	R904 (Rottweil)
	220	BOF RP4 (Bofors)
	221	Hunter (Ramshot)
	222	Reloader 19 (Alliant)
	223	N160 (Vihtavuori)
	224	N560 (Vihtavuori)
	225	4831 (IMR)
	226	Brig 4831 (Scot)
	227	AR2213SC (ADI)
	228	N205 (Norma)
	229	3100 XMR (Accurate)
	230	S385 (Somchem)
	231	WMR (Winchester)
*	232	H4831 (Hodgdon)
**	233	MRP (Norma)
	234	S371 (Somchem)
	235	R905 (Rottweil)
**	236	BOF RP5 (Bofors)
**	237	Reloader 22 (Alliant)
	238	785 (Winchester)
	239	H450 (Hodgdon)
	240	Mag Pro (Accurate)
	241	N165 (Vihtavuori)
	242	WXR (Winchester)
	243	7828 (IMR)
*	244	H1000 (Hodgdon)
	245	SP12 (Vectan)
	246	PCL 517 (PB Clermont)
	247	AR2217 (ADI)
	248	Magnum (Ramshot)
	249	Reloader 25 (Alliant)
	250	MRP2 (Norma)
	251	TU8000 (Vectan)
	252	AR2225 (ADI)
*	253	Retumbo (Hodgdon)
	254	W785 (Winchester)
	255	H870 (Hodgdon)
	256	AR2218 (ADI)
	257	B-12.7 (Somchem)
	258	N170 (Vihtavuori)
	259	AR2211 (ADI)
	260	8700 (Accurate)
	261	24N41 (Vihtavuori)
	262	W870 (Winchester)
	263	50 BMG (Hodgdon)
	264	H5010 (Hodgdon)
	265	PCL 513 (PB Clermont)
	266	SP13 (Vectan)
	267	20N29 (Vihtavuori)

(slowest burn rate)

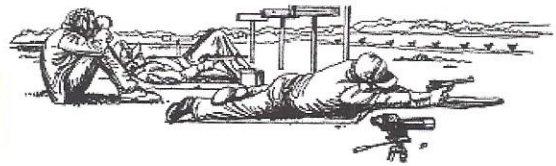


Contact us at "mailto:reloadersnest@msn.com" reloadersnest@msn.com

The Los Angeles Silhouette Club



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SMOKELESS POWDER RELATIVE BURN RATE CHART COMPLIMENTS of [HODGDON POWDER Co.](http://www.hodgdon.com) (Use link for Hodgdon's online load data)

Listed Fastest To Slowest
Not a loading guide - Reference only

1 NORMA R1	49 Alliant Blue Dot	97 Alliant Reloder 15
2 Winchester WAALite	50 Accurate Arms No. 7	98 VihtaVuori N140
3 VihtaVuori N310	51 Alliant Pro Reach	99 Hodgdon VARGET
4 Accurate Arms Nitro 100	52 Hodgdon LONGSHOT	100 IMR, Co IMR4320
5 Alliant e3	53 Alliant 410	101 Winchester 748
6 Hodgdon TITEWAD	54 Alliant 2400	102 Hodgdon BL-C(2)
7 Ramshot Competition	55 Enforcer	103 Hodgdon H380
8 Alliant Red Dot	56 Accurate Arms No. 9	104 IMR, Co IMR 4007 SSC
9 Alliant Promo	57 Accurate Arms 4100	105 Ramshot Big Game
10 Hodgdon CLAYS	58 Alliant Steel	106 VihtaVuori N540
11 Hodgdon Clay Dot	59 NORMA R123	107 Winchester 760
12 IMR, Co Hi-Skor 700-X	60 VihtaVuori N110	108 Hodgdon H414
13 Alliant Bullseye	61 Hodgdon LIL'GUN	109 VihtaVuori N150
14 Hodgdon TITEGROUP	62 Hodgdon H110	110 Accurate Arms 2700
15 Alliant American Select	63 Winchester 296	111 IMR, Co IMR4350
16 Accurate Arms Solo 1000	64 IMR, Co IMR 4227	112 Hodgdon H4350
17 Alliant Green Dot	65 Hodgdon H4227	113 Alliant Reloder 17
18 Winchester WST	66 IMR, Co SR4759	114 Accurate Arms 4350
19 IMR, Co Trial Boss	67 Accurate Arms 5744	115 NORMA 204
20 Winchester Super Handicap	68 Accurate Arms 1680	116 Hodgdon HYBRID 100V
21 Hodgdon INTERNATIONAL	69 NORMA 200	117 VihtaVuori N550
22 Accurate Arms Solo 1250	70 Alliant Reloder 7	118 Alliant Reloder 19
23 IMR, Co PB	71 IMR, Co IMR4198	119 IMR, Co IMR4831
24 VihtaVuori N320	72 Hodgdon H4198	120 Ramshot Hunter

25	Accurate Arms No. 2	73	VihtaVuori N120	121	Accurate Arms 3100
26	Ramshot Zip	74	Hodgdon H322	122	VihtaVuori N160
27	IMR, Co SR 7625	75	Accurate Arms 2015BR	123	Hodgdon H4831 & H4831SC
28	Hodgdon HP-38	76	Alliant Reloder 10X		Winchester Supreme 780
29	Winchester 231	77	VihtaVuori N130	124	NORMA MRP
30	Alliant 20/28	78	IMR, Co IMR 3031	125	Alliant Reloder 22
31	Alliant Unique	79	VihtaVuori N133	126	VihtaVuori N560
32	Hodgdon UNIVERSAL	80	Hodgdon BENCHMARK	127	VihtaVuori N165
33	Alliant Power Pistol	81	Hodgdon H335	128	IMR, Co IMR7828
34	VihtaVuori N330	82	Ramshot X-Terminator	129	Alliant Reloder 25
35	Alliant Herco	83	Accurate Arms 2230	130	VihtaVuori N170
36	Winchester WSF	84	Accurate Arms 2460s	131	Accurate Arms Magpro
37	VihtaVuori N340	85	IMR, Co IMR 8208 XBR	132	Hodgdon H1000
38	IMR, Co Hi-Skor 800-X	86	Ramshot TAC	133	Ramshot Magnum
39	IMR, Co SR4756	87	Hodgdon H4895	134	Hodgdon RETUMBO
40	Ramshot True Blue	88	VihtaVuori N530	135	VihtaVuori N570
41	Accurate Arms No. 5	89	IMR, Co IMR4895	136	Accurate Arms 8700
42	Hodgdon HS-6	90	VihtaVuori N135	137	Hodgdon H870
43	Winchester AutoComp	91	Alliant Reloder 12	138	VihtaVuori 24N41
44	Ramshot Silhouette	92	Accurate Arms 2495BR	139	Hodgdon H50BMG
45	VihtaVuori 3N37	93	IMR, Co IMR 4064	140	Hodgdon US869
46	VihtaVuori N350	94	NORMA 202	141	VihtaVuori 20N29
47	Hodgdon HS-7	95	Accurate Arms 4064	142	Accurate Arms 2520
48	VihtaVuori 3N38	96	Accurate Arms 2520		

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