

22lr CuRx Powder Testing 42gr bullets



Rifles Used	Twist Rate	Barrel Length	COAL	Notes
Custom Build	1-6"	21.5"	1.213"	Custom rifle - Barrel fouled with lead bullets prior to testing

CAUTION:	Ensure Bullet exits the barrel on minimum charge loads before firing another round and proceeding up in charge. Go up in charge very small amounts compared to center fire cartridges. Never start at Maximum charge noted.
Note:	A precision reloading scale with a resolution of .02 maximum is required for loading rimfire cartridges.

Slowest to Fastest

Powder	Max Load(gr)	Min Load(gr)	Rifle	Velocity	Accuracy vel.	Group	Notes
				(at max)			
Win 296							
H110							
H Lil'Gun							
Viht N110							
Alliant Steel							
AA#9	4.30	3.50	Custom	1577	?	<1/2"	Excellent potential. Shot 1/2" group during ladder test with 1 shot per charge. 9 different charges. Gen 1
Enforcer							
Alliant 2400	3.40*	3.00	Custom	1223	?	?	Possible good subsonic powder. Test further.
Alliant 410							
Longshot	2.70	2.10	Custom	1505	1400-1500	3/8"	Powder shows excellent accuracy with multiple charges. 3/8" consistently
AA#7	3.60	2.60	Custom	1640fps	?	<1/2"	Shown good potential. <1/2" group in 2 loads tested. 19fps ES. Test further. Case blew at 3.64gr(lower than AA9) Gen 1
Blue Dot							
Viht N350	2.52	2.10	Custom	1405(11ES)	same	<1/4"	Excellent accuracy and velocity spread. Produced 1/4" group during ladder from 2.49-2.52gr 4 shots total. Also 1/4" group at max charge.
Viht 3N37	2.84	2.40	Custom	1446(13ES)	1400-max	3/8"	Excellent accuracy with velocity ES of 15fps and less. Test further
Ramshot Silhouette							
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AutoComp							
HS-6	3.24	2.50	Custom	1549	1535	<.5"	Excellent Accuracy with bad mirage. Test further to reduce velocity ES
AA#5	2.96	2.50	Custom	1391	1300-1400	.3"	Excellent accuracy. Test further to reduce velocity ES
IMR HySkor 800X							
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Viht N340	2.38	2.00	Custom	1394	1335(20ES)	1/2"	Shown excellent accuracy during ladder test. 1/2" group was horizontal.
Win. WSF							
Herco							
Power Pistol							
Universal							
Unique	3.40	1.90	Custom	1390	2.3gr-1330	3/8"	Maximum case fill.
Alliant 20/28							
Ramshot Zip							
Winchester WST							
Titegroup							
Viht N110	Too slow						
Alliant Steel	Too bulky						