



22lr CuRx Powder Testing 50gr 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 (at max)	Accuracy vel.	Group	Notes
Win 296							
H110							
H Lil'Gun	?	3.20	custom	1141-1317			Always 2 in and one out(1/2" group). Powder too slow. Higher charge produced large velocity spreads. Best was 3.40 grains for 1114-1152fps. Always 1/2" groups.
Viht N110	Powder too slow						Maximum velocity was 1077fps at 3.4 grains compressed.
Alliant Steel							
AA#9	3.90	3.30	Custom	1352	????	<1/2"	Powder showed excellent potential. 3.90 charge produced less velocity than 3.78gr. Need a longer barrel. No pressure at 3.90 grains
Enforcer							
Alliant 2400							
Alliant 410							
Longshot							
AA#7	3.40	3.00	Custom	1492(18ES)		.30"	Shown excellent potential. Further testing required.
Blue Dot	3.10	2.70	"	1338(20ES)	1250	3/8"	Shown good potential. Further testing required.
Viht N350							
Viht 3N37							
Ramshot Silhouette							
Ramshot Silhouette							
AutoComp							
HS-6							
AA#5							
IMR HySkor 800X							
IMR HySkor 800X							
Viht N340							
Win. WSF							
Herco							
Power Pistol							
Universal							
Unique							
Alliant 20/28							
Ramshot Zip							
Winchester WST							
Titegroup							
Viht N110	Too slow						
Alliant Steel	Too bulky						