NormallyNormal 06/01/2024 6:05 AM
Barry thinks fast

The speed of solid explosives ranges from 4,000-10,300 m/s, giving us an average of 7,150 m/s
https://en.m.wikipedia.org/wiki/Detonation_velocity#:~:text=Typical%20detonation%20velocities%20for%20organic,high%20as%203000%20m%2Fs.

Since we see the explosion starts at his chest, we can measure its distance to his head to find how fast he must have been thinking.

Height of Barry's head = 0.244348 meters

0.244348 * 1.83 = Distance of explosion to his head = 0.44715684 meters

0.44715684 / 7150 = Time Barry had to react = 0.00006253941 seconds (**High Hypersonic**)

NormallyNormal Today at 9:36 PM
Oh, btw, I figured out how to properly calc reaction feats.

We take the previously located value (0.00006253941) and plug it into these formulas.

Low-end = 1 ft/(Reaction time) = Speed in ft/s

High-end = 1 m/(Reaction time) = Speed in m/s

Low-end

1 ft / 0.00006253941 = Barry's reaction speed = 15,989.9173977 ft/s, or Mach 14.2 (**Hypersonic+**)

High-End

1 m / 0.00006253941 = 15,989.9173977 m/s, or Mach 46.62 (**High Hypersonic**)