Mold steel difference of H13, NAK80, 718 & P20

For H13,

This is a harden steel, requires to make the heat treatment, normally the hardness is with 48-52HRC.

Mold life can be up to 800000~1 million shots.

For NAK80,

This is a pre-harden steel, hardness is with 37-40HRC, mold life can be up to 400000~500000 shots

For 718,

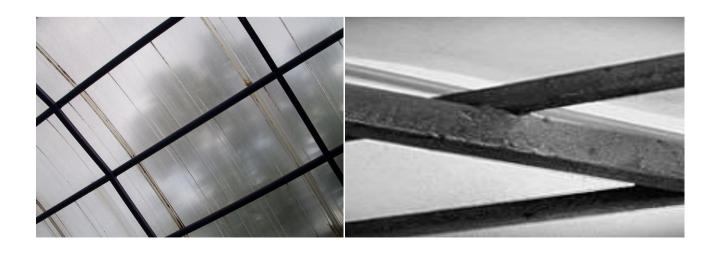
This is a pre-harden steel, hardness is with 30-33HRC, mold life can be up to 300000~400000 shots

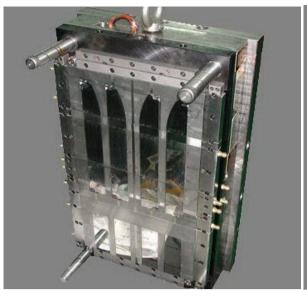
For P20,

This is a pre-harden steel, hardness is with 28-32HRC, mold life can be up to 200000~300000 shots

From above steels, H13 is the best steel, after that, it is NAK80, 718, P20.

Also, the price level is in the same level difference, H13 is the most expensive, after that, it is NAK80, 718, P20.







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