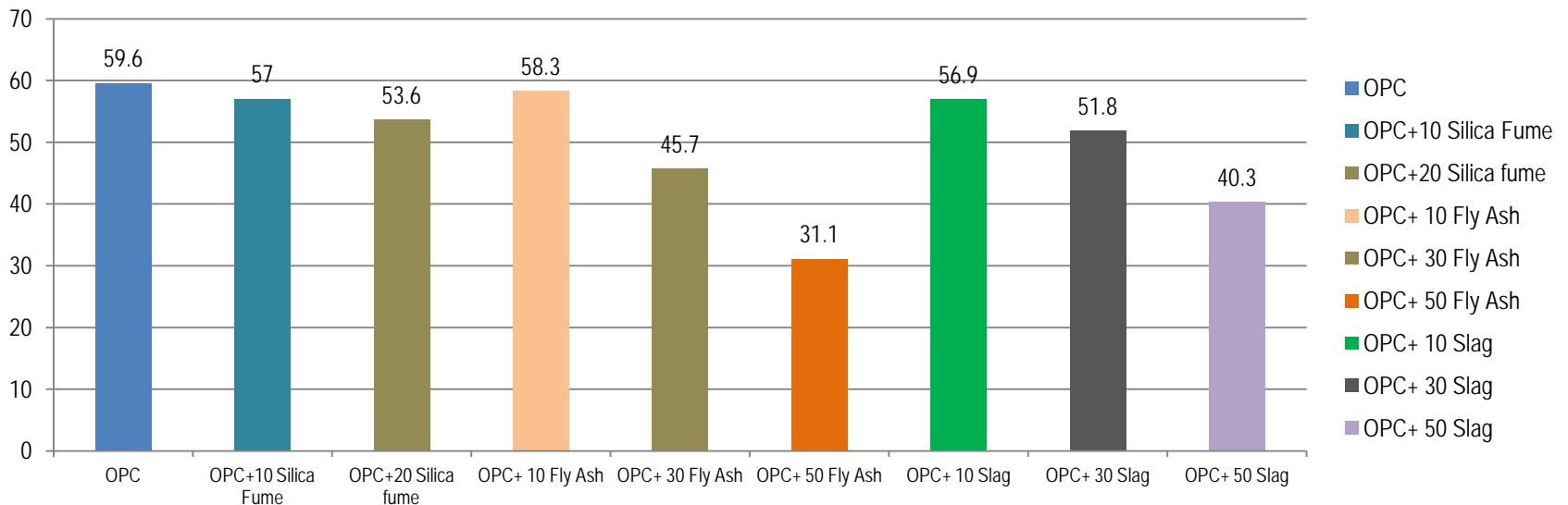


Heat of hydration characteristics of binders with different mineral additives and their proportions.

Binders	Temp ⁰ C	Time of Temp Peak(Hrs)
OPC	59.6	11.4
OPC+10 Silica Fume	57	12.1
OPC+20 Silica fume	53.6	12
OPC+ 10 Fly Ash	58.3	11.9
OPC+ 30 Fly Ash	45.7	18.8
OPC+ 50 Fly Ash	31.1	21.6
OPC+ 10 Slag	56.9	12.4
OPC+ 30 Slag	51.8	15.4
OPC+ 50 Slag	40.3	20.9

With 10% Slag. (ALCCOFINE 1203) is Based on Slag



REF: "Liu Jianzhang et. Al. Effect of mineral admixtures on the hydration heat of mortar in super high strength concrete" (Paper presented at the International conference on microstructure related to durability of cementitious composites, 2008).