Data provided here is in the form of excel sheet, which is consisting of 5 sheets. Each sheet contains data for individual result parameter as shown in Table 3. These result parameters are recorded for each case for plain and reinforced concrete separately.

Table 1. Result parameters

Sheet 1	Thermal Conductivity ($W/m°C$)
Sheet 2	Displacement (mm)
Sheet 3	Crack Width (mm)
Sheet 4	Maximum Stress (MPa)
Sheet 5	Maximum Strain

Data is represented in excel sheet separately for PCC and RCC for result parameter at different maximum temperature against the selected grade of concrete. Example if displacement data is explained, where displacement in plain cement concrete for M35 at 750°C is 0.165mm which is marked as PC-M35@750°C .For reinforced cement concrete displacement for M45 at 250°C is 0.115mm, and it is marked as RC-M45@250°C. Similarly, results in other data sheet can be read and understood for both plain and reinforced concrete beam.