

## Datasheet for Engineers

### DENSITY OF COMMON MATERIALS

Common materials	Weight (t m <sup>-3</sup> )
Ashes	0.64
Bitumen	1.04
Cement	1.44
Coal-solid	1.30
Coal-pulverized	0.85
Charcoal	0.30
Coke	0.50
Hay and straw	0.29
Paper in rolls	0.70
Limestone	2.65
Granite stone	1.64
Slake lime	0.80-1.02
Brick ballast	1.01-1.45
Stone ballast 38 mm	1.44
Stone ballast 13 mm	1.92
Fire wood-chopped	0.40
Dry sand	1.60
Dry earth filling (moderately rammed)	1.52
Compacted earth filling	2.20
Puddled clay stiff	2.16
Stag wool	0.27
Gravel (loose)	1.60
Gravel (rammed)	1.92
Stocks of books and files	0.85
Building rubbish	1.40
Glass in sheets	2.60
Timber	0.064 to 0.96
Wheat	0.83
Water	1