# Material properties to be used in the ILCD+EPD data format

The following material properties are supported for declaring non-scaling material properties (for the identifiers, there are single spaces between multiple words):

|  |  |  |  |
| --- | --- | --- | --- |
| **property** | **Property identifier** | **Unit** | **Comments** |
| bulk density | bulk density | kg/m^3 |  |
| grammage | grammage | kg/m^2 |  |
| gross density | gross density | kg/m^3 |  |
| layer thickness | layer thickness | m |  |
| productiveness | productiveness | m^2 |  |
| linear density | linear density | kg/m |  |
| weight per piece | weight per piece | kg | Piece: certain amount of a material or substance that forms a self-limited whole (and has a commercially available shape, dimension) |
| conversion factor to 1 kg | conversion factor to 1 kg | - | This can be used if no other property can be given due to the nature of the product.  The amount of the declared unit (M) is divided by the conversion factor (f), the result is the mass: M / f = m [kg] |