

Bill of Materials

See also the Enterprise Governance page on [Bill of Materials \(BOM\)](#) and the BW Industrial reporting page on [BW - BOM: Bill of Material](#).

Data Object Definition

A **Bill of Materials (BoM)** is a complete, structured list of the components (raw, packaging, intermediates) with their quantities to be used for the production of a material. The list contains the description, the quantity, and unit of measure. The components are known as **BOM items**.

Deployment Status

PLANNED

As of Aug 2023, this data is not yet available in the Data Ocean. It is tentatively planned for Q4 2023.

Data Model

Additional Info & Comments

- BoMs are plant-specific. The list of components used to produce a product in 1 plant may be different than in another. For products which can be produced in more than 1 plant, selecting the right plant or calculating a blended average BoM is an important design topic.
- BoMs can have multiple alternatives, even within the same plant. Typically there is one "most likely" alternative that is used as a base assumption for costing & pricing, but selecting the right alternative is another important topic.
- A regular BoM contains the components for a single production step. The production of many products requires multiple production steps and intermediate materials, which may span multiple plants. Combining together the BoM data of each of those production steps is called a "BoM explosion" and the result is a multi-level BoM that shows all the raw materials and intermediate production steps required to produce a product "from start to finish".

Data Flow

Tables & Attributes
