

## Product Data Sheet for Inecom Injection Moulding

The Inecom Injection Moulding Add-on provides the following functions:

### Overview of Features

#### 1. Moulds Master

- Define Moulds Master
  - Each Mould is created as an Asset in SAP Business One
- Associate Output Items that each Mould produces
  - Each Output Item shall be set up as a BOM in SAP Business One
- Selectively define each Output Item as Active / Inactive
- Define the life of a Mould in terms of number of Stampings
- Associate each Mould with the Moulding Machines in which it can be used
  - Each Moulding Machine is defined as a Resource in SAP Business One along with various costs per hour

#### 2. MRP

- Based on demand, SAP MRP computes the requirement of each Output Item
- Collate the MRP recommendations by Mould
- Tweak MRP recommendation to align all Output Items from a Mould to be the same
- Create the Injection Moulding Plan

#### 3. Injection Moulding Production Process

- Select Injection Moulding Machine against each Mould
- Select Raw Material Item and Batch Number
  - A maximum of two Raw Materials can be selected with one Batch Number for each
- Enter Machine Start and End Time
- Enter for the Output Item
  - Completed OK Quantity
  - Rejected Quantity
  - Scrap Quantity

#### 4. Background Processes

- Based on inputs of point 3 above, the Injection Moulding Add-on does the following:
  - Compute Raw Material consumption and issues Raw Material(s)
  - Issues Machine hours
  - Create Receipt for Output Items:
    - Completed OK Quantity in Warehouse
    - Rejected Quantity in Reject Warehouse
    - Scrapped Quantity in Scrap Warehouse
  - Costing of Output is done based on:
    - Raw Material consumed as per BOM
    - Machine Cost is divided between the various Output Items of a mould in proportion to the Total Quantity (Completed OK, Reject and Scrap)
  - Print Product Labels with Bar Code for Output Items