



PROJECT DESCRIPTION

The screenshot shows the 'Data Import' interface in the Propel system. It features a progress bar with four stages: IMPORT SETTINGS, MAP HEADERS, REVIEW DATA, and IMPORT DATA. The 'IMPORT SETTINGS' stage is active. Below the progress bar, there are two sections: 'What type of data do you have?' and 'Options for import'. The 'What type of data do you have?' section has four checkboxes: 'Items' (checked), 'BOM with levels' (checked), 'AML (Approved Manufacturer List)' (checked), and 'Attachments' (unchecked). The 'Options for import' section has one checkbox: 'Match item descriptions' (checked). Below these sections, there is a tip: 'Here's what the existing data structure looks like... TIP: You might want to adjust your csv file first before importing'. A table displays the existing data structure with the following columns: LEVEL (ASSEMBLY), ITEM NUMBER (ITEM), CATEGORY NAME (ITEM), DESCRIPTION (ITEM REVISION), REVISION (ITEM REVISION), LIFECYCLE PHASE (ITEM REVISION), QUANTITY (ASSEMBLY), FIND # (ASSEMBLY), and RE. The table contains two rows of sample data.

	LEVEL * (ASSEMBLY)	ITEM NUMBER (ITEM)	CATEGORY NAME * (ITEM)	DESCRIPTION (ITEM REVISION)	REVISION (ITEM REVISION)	LIFECYCLE PHASE (ITEM REVISION)	QUANTITY * (ASSEMBLY)	FIND # (ASSEMBLY)	RE
Sample Data 1	0	100-00799	Assembly	Cover Assembly	A	Production			
Sample Data 2	1	220-00142	Hardware	Nut, Locknut, 3/4, Zinc	01	Production	3	1	

The screenshot displays the Propel software interface for item 120-0210-001 A (0003) (Draft). The main content area shows a Bill of Materials (BOM) table with the following data:

Item Number	Category	Description	Revision	Lifecycle Phase	Quantity	Refer
125-0210-001	Drawing	DWG, SUB-ASSY, MECH, LIGHT PIPE, INNER, W/EMBL...	A (Pending)	Initial (Pending)	0	-
220-0099-001	Part	LIGHT PIPE, INNER, XR-1000/XR-2000	B (Pending)	Initial (Pending)	1	-
221-00...	3D Data	3D DATA, LIGHT PIPE, INNER, XR-1000/XR-2000	A (Pending)	Initial (Pending)	0	-
225-00...	Drawing	DWG, LIGHT PIPE, INNER, XR-1000/XR-2000	B (Pending)	Initial (Pending)	0	-
830-0320-001	Label	EMBLEM, XIRRUS, 0.75 INCH DIAMETER	A (Pending)	Initial (Pending)	1	-
835-03...	Drawing	DWG, EMBLEM, XIRRUS, 0.75 INCH DIAMETER	A (Pending)	Initial (Pending)	0	-
836-03...	Drawing	ART/FAB, EMBLEM, XIRRUS, 0.75 INCH DIAMETER	A (Pending)	Initial (Pending)	0	-

The right sidebar shows 'Immediate Parents' with a table listing parent items and their details, and 'Top Items' with a table listing top-level items.

Built entirely on Salesforce, Propel makes it easier to analyze, update & facilitate product lifecycle factors, like bill of materials (BOM), compliance & certifications. We worked w/Propel to build a data loader app so companies could upload these files. The uploaded BOM line items got sent to Heroku, which helped to expand on governor limitations of file handling on SF. We also redesigned & implemented business processes & flows w/Lightning.

Manufacturing

Apex,

Javascript,

Lightning Design System,

NodeJS,

React,

Redux,

Visualforce

Heroku,

Salesforce Platform