

# SAP User Manual

Date of last revision, version control

01/03/2025, Version 01

INQUBE

Inqube Globle (Pvt) Ltd.  
No: 606B,  
Siri Sumanatissa Mawatha,  
Nawagamuwa South, Ranala, Sri Lanka.

## BOM YY UPDATE – SAP

### Introduction:

Updating BOM YY in the SAP system is essential for generating accurate RM (Raw Material) requirements for all measurable and countable trims. This allows the correct RM requirements to be shared with the supply chain team, enabling them to connect and manage the procurement process effectively.

### Application/System

- SAP system
- COE Job Tracker
- SAP validator web application
- MS Excel
- Email

# SAP User Manual

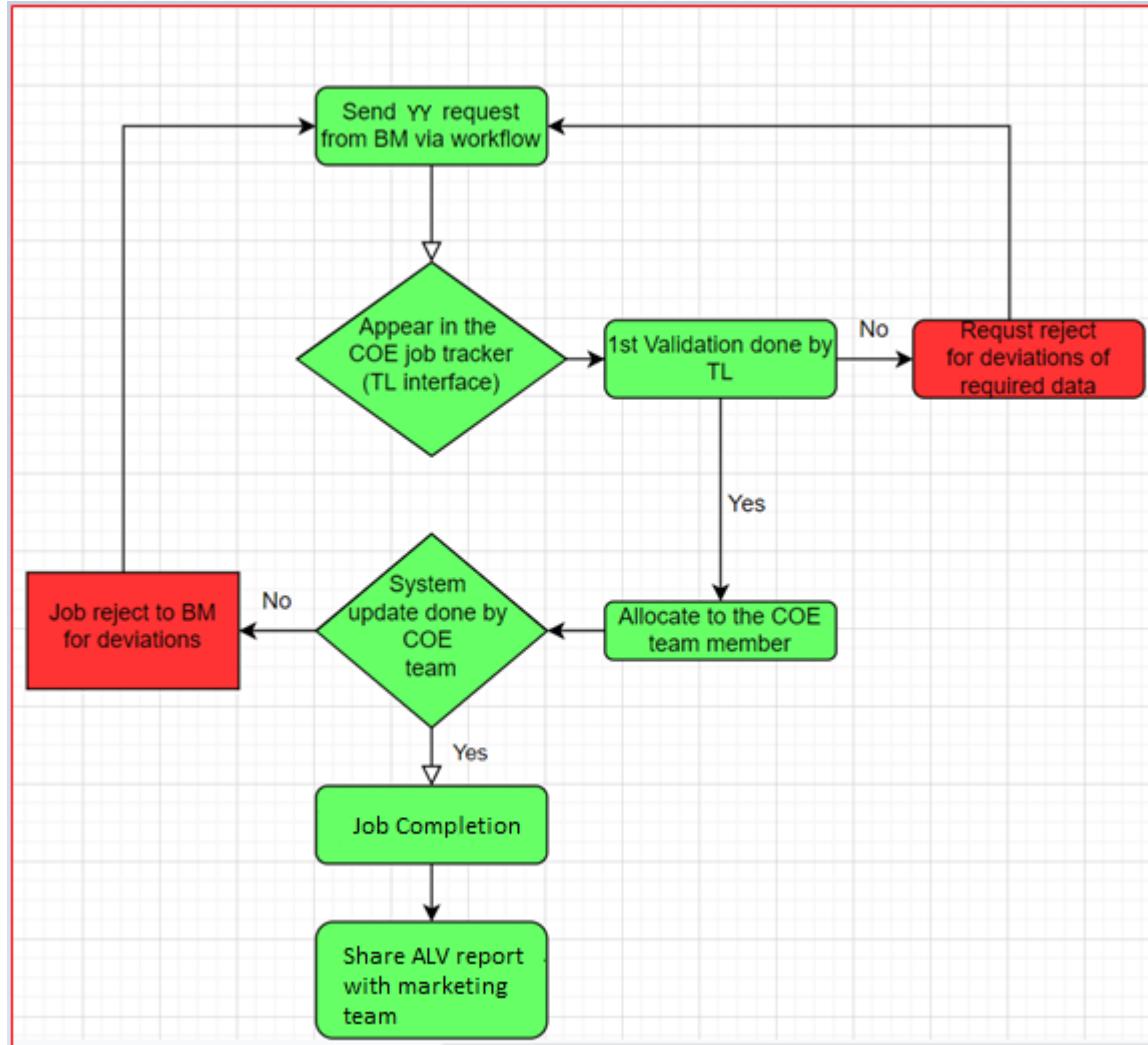
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## Process Mapping



- Check the received BOM and do the pre excel working:

- Ensure sizes are in **30D3** format instead of **30DDD**. There should be no line breaks between two sizes in a single-line garment size entry.
- Verify that **YY** is listed under **Ordering Consumption > Gross Consumption Column**. If **YY** appears in any other column, remove the “**Gross Consumption**” label from the unwanted columns.
- Review the **Description column** to ensure the word “**Fabric**” is not included in any description line.

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- Invalid:

Description	Item	Area	Component	Width	JOM	Size	Costed Consumption			Ordering Consumption			
							Net Consumption	External Wastage	Wastage	Gross Consumption	Net Consumption	External Wastage	Wastage
FABRIC													
Fabric one	0020	Cup Mold FNLL005449	137CM	YD	32D 32DD 34DDD 31DD 36AA 36B					1.722		5.75%	1.821
FABRIC													

- Valid:

Description	Item	Area	Component	Width	JOM	Size	Costed Consumption			Ordering Consumption			
							Net Consumption	External Wastage	Wastage	Gross Consumption	Net Consumption	External Wastage	Wastage
FABRIC													
	0020	Cup Mold FNLL005449	137CM	YD	32D 32DD 34D3 34D2 36A2 36B					1.722		5.75%	1.821
FABRIC													

- Separate Excel files need to be created for each given colorway

Name	Date modified	Type	Size
G199.xlsx	3/9/2025 8:00 PM	Microsoft Excel W...	45 KB
R318.xlsx	3/9/2025 8:00 PM	Microsoft Excel W...	45 KB
TSSXFWB0030 SL BOM - 3.5.2025 COE000...	3/9/2025 7:59 PM	Microsoft Excel W...	130 KB

- Access the SAP BOM using ZPPBOMMNT\_N and put the BOM on hold.

Need to log in to the SAP system.

- Initial Screen

Logging to the SAP system

Navigation >> Enter “Username” and “Password” >> Press Enter

The screenshot shows the SAP initial screen with the following details:

- User interface elements: User, System, Help, SAP logo, New password field, Client (311), Information panel, Language (EN).
- User input fields: Client (311), User (highlighted with a red box), Password (highlighted with a red box, showing masked input), Language (EN).
- Information panel content: Welcome to Clover AFS 6.4 DEV System, Clients list: 300 QAS Golden client, 310 QAS IT integration test, 311 QAS User test.

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Use T code - ZPPBOMMNT\_N

Navigation >> ZPPBOMMNT\_N >> Enter >> Please refer below screenshot

**Material BOM Maintenances (New)**

The screenshot shows the SAP interface for 'Material BOM Maintenances (New)'. A red box highlights the 'Material' field containing 'TSSXFWB0030\_A1\_HL5', the 'Plant' field containing '1001', and the 'BOM Usage' field containing '1'. Below these, the 'Alternative BOM' field has a value of '1'. The 'Effectivity' section includes 'Valid From' set to '2025/03/10' and an empty 'Change Number' field.

- Enter below mentioned details and click change BOM
- Navigate to the 3rd level of the SAP BOM.

Navigation >> Components >> Grid Value Mapping >> Color Mapping.

**Change material BOM(Temporary table)**

The screenshot shows the 'Change material BOM(Temporary table)' screen. It displays basic details like Material (TSSXFWB0030\_A1\_HL5), Plant (1001), and BOM Usage (1). The 'Base quantity' is set to '12 PC'. The 'Components' tab is selected, showing a grid of component mappings. The grid has columns for Item, Area, Component, Component..., G199, R318, ZCLF, ZCLL, and ZWSF. Rows show various components like CUP - Cup, CLI - Cup Li., CFM - Cup, etc., with their respective details.

Item	Area	Component	Component...	G199	R318	ZCLF	ZCLL	ZWSF
0010	CUP - Cup	PPFC005025	N-2028-S-3...	G199	R318	ZCLF	ZCLL	ZWSF
0015	CLI - Cup Li..	MFM00050...	N-2028-S-3...				ZCLL	
0020	CFM - Cup (..	FNL005449	ST1260-1 - ..	G199	R318	ZCLF	ZCLL	ZWSF
0040	WLW - Win...	FNL005449	ST1260-1 - ..	G199	R318	ZCLF	ZCLL	ZWSF
0050	GOR - Gore	FNL005449	ST1260-1 - ..	G199	R318	ZCLF	ZCLL	ZWSF
0060	GOR - Gore	MPLF000002	3415/003	HZZZ	HZZZ	ZCLF	ZCLL	ZWSF
0064	GOR - Gore	FNLN005008	HF40635-6...	G199	R318	ZCLF	ZCLL	ZWSF
0070	GOR - Gore	MPLF000002	3415/003	HZZZ	HZZZ	ZCLF	ZCLL	ZWSF
0075	GOR - Gore	FNL005449	ST1260-1 - ..	G199	R318	ZCLF	ZCLL	ZWSF

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- Click on 'Color Mapping' to navigate inside any line, as shown below.

The screenshot shows the SAP BOM (Bill of Materials) interface for document number 0020 FNLL005449. The main screen displays a table of components with various columns like Item, Area, Component, and Dimensions. A red arrow points from the 'Color Mapping' button in the toolbar at the top left to a small pop-up window titled '0020 FNLL005449'. This pop-up contains a single row of data with columns Hdr.Dim, Com.Dim, Unit, and several dimension values (30A, 32A, 36A, 34A, 38B, 36B, 34B, 32B). The first column 'Hdr.Dim' has a yellow background, and the second column 'Com.Dim' has a yellow background with the value 'G199' highlighted in a red box.

- Download the system-generated spreadsheet in .xlsx format.

**Navigation >> Double click color mapping of any RM >> Right click >> Spreadsheet >> Ok >> Save >> Save as in .xlsx format**

- Navigate to [https://sfx.inqube.com/inventory/Report/yy\\_update](https://sfx.inqube.com/inventory/Report/yy_update) and upload the files.

Need to log in to the SAP validator web application

Log in to the SAP validator web application system with user credentials



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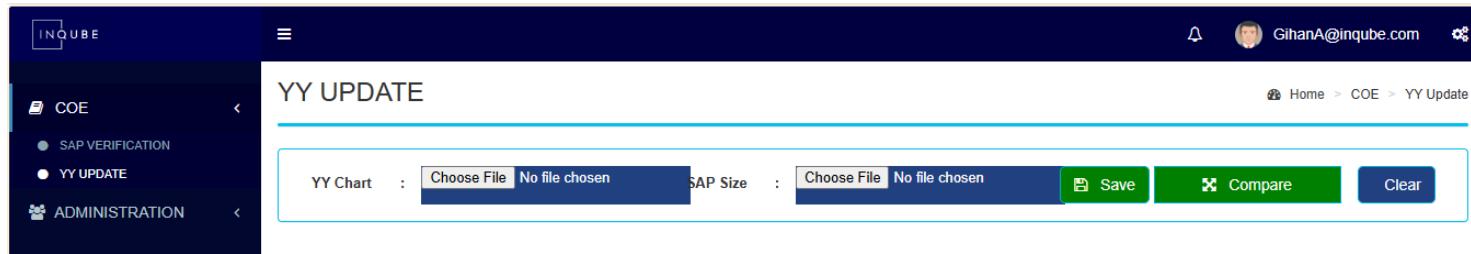
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Go to the YY update chart generation interface

Navigation >> COE >> YY Update



- Upload each colorway Excel file to 'Y Chart' one by one, clicking the 'Save' button after each upload.
  - Upload one colorway chart

YY Chart : Choose File | G199.xlsx

- Click Save 
- If any error shown like below

Please Clear The Data

- Click clear 
- And again click save
- Repeat the working until upload the all colorways.

- Once all colorway sheets are uploaded, upload the previously downloaded SAP Excel file into 'SAP Size'.
  - Upload the system generated SAP spread sheet into SAP Size

SAP Size : Choose File | export.xlsx

- Click Save 

Finally, download the generated YY\_Details chart.

 Compare

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- Click compare

## • Update the YYs:

- Filter the line items based on the yellow-highlighted rows in the shared BOM Excel. Retrieve the line item numbers from the shared BOM Excel and use them to filter the corresponding line items in the generated YY chart.

BOM

Supplier Reference	Item	Area	Component	Width	UOM	Size	Ordering Consumption			
							Net Consumption	External Wastage	Wastage	Gross Consumption
ST1260-1-MIN WIDTH 137C	0020	Cup (Mold)	FNLL005449	137CM	YD	30A 30B 30C 30D 32A 32B 32C 32D 32D	1.722		5.75%	1.821
ST1260-1-MIN WIDTH 137C	0030	Wing	FNLL005449	137CM	YD	30A 30B 30C 30D 32A 32B 32C 32D 32D 32D3 34A 34B 34C 34D 34D2 34D3 36A 36B 36C 36D 36D2 36D				
ST1260-1-MIN WIDTH 137C	0040	Wing Lining	FNLL005449	137CM	YD	30A 30B 30C 30D 32A 32B 32C 32D 32D2 32D3 34A 34B 34C 34D 34D2 34D3 36A 36B 36C 36D 36D2 36D				

Generated YY chart

E88	:	X	✓	f <sub>x</sub>							
A	B	C	D	E	F	G	H	I	J	K	L
1	AColor	component	item	30A	32A	36A	34A	38B	36B	34B	32B
2	G199	FNLL005449		20	1.867	1.867	1.867	1.867	1.867	1.867	1.867
41	R318	FNLL005449		20	1.821	1.821	1.821	1.821	1.821	1.821	1.821
80											

- Update the YYs line by line accordingly into the SAP system BOM.

- Copy the full line like below in YY Details chart and paste it as it is into the SAP BOM line.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	AColor	component	item	30A	32A	36A	34A	38B	36B	34B	32B	30B	32C	34C	36C	30C	38C	32D	34D	30D
2	G199	FNLL005449		20	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867	
41	R318	FNLL005449		20	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	

0020 FNLL005449																		
	Hdr.Dim	Com.Dim	Unit	30A	32A	36A	34A	38B	36B	34B	32B							
G199	G199		YD	1.867	1.867	1.867	1.867	1.867	1.867	1.867	1.867							
R318	R318		YD	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821							
ZCLF	ZCLF		YD	1.278	1.278	1.278	1.278	1.278	1.278	1.278	1.278							
ZCLL	ZCLL		YD	1.278	1.278	1.278	1.278	1.278	1.278	1.278	1.278							
ZWSF	ZWSF		YD	1.278	1.278	1.278	1.278	1.278	1.278	1.278	1.278							

- Click ok 

- YY Removal – Update YY values to zero.
  - Identify the lines highlighted in red in the excel BOM.

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Supplier Reference	Item	Area	Component	Width	UOM	Size	Net Consumption	External Wastage	Wastage	Gross Consumption
ST1260-1-MIN WIDTH 137C	0030	Wing	FNLL005449	137CM	YD	30A 30B 30C 30D 32A 32B 32C 32D 32D2 32D3 34A 34B 34C 34D 34D2 34D3 36A 36B 36C 36D 36D2 36D3				
ST1260-1-MIN WIDTH 137C	0040	Wing Lining	FNLL005449	137CM	YD	30A 30B 30C 30D 32A 32B 32C 32D 32D2 32D3 34A 34B 34C 34D 34D2 34D3 36A 36B 36C 36D 36D2 36D3				

- Remove the color mapping in SAP BOM for these lines accordingly.

Item	Area	Component	Component	G199	R318	ZCLF	ZCLL	ZWSF
0010	CUP - Cup	PPFC005025	N-2028-S-3...	G199	R318	ZCLF	ZCLL	ZWSF
0015	CLI - Cup Li...	MFMD0050...	N-2028-S-3...				ZCLL	
0020	CFM - Cup (...	FNLL005449	ST1260-1 -	G199	R318	ZCLF	ZCLL	ZWSF
0040	WLW - Win...	FNLL005449	ST1260-1 -			ZCLF	ZCLL	ZWSF
0050	GOR - Gore	FNLL005449	ST1260-1 -	G199	R318	ZCLF	ZCLL	ZWSF
0060	GOR - Gore	MPLF000002	3415/003	HZZZ	HZZZ	ZCLF	ZCLL	ZWSF
0064	GOR - Gore	FNLN005008	HF4063S-6...	G199	R318	ZCLF	ZCLL	ZWSF
0070	GOR - Gore	MPLF000002	3415/003	HZZZ	HZZZ	ZCLF	ZCLL	ZWSF
0075	GOR - Gore	FNLL005449	ST1260-1 -	G100	R318	ZCLF	ZCLL	ZWSF

- Update Binding YY – Modify the binding YY at the first level.
  - Check the right corner of the shared excel BOM. Marketing team will share the binding consumption details as mentioned in below.

Item	Area	Component	Width	UOM	Size	Net Consumption	External Wastage	Gross Consumption	Remarks
TAPE FORM YY IN YDS PER DOZEN									
0050	Gore	FNLL005449	16MM	YD	30A 30B 30C 30D 32A	0.031	21.25%	0.038	2.450
0075	Gore	FNLL005449	18MM	YD	34D3 36D2 36D3 38D	0.035	21.25%	0.042	2.450
0110	Around Cup (inner)	FNLN005008	12.5MM	YD	30A 30B 30C 30D 32A	0.064	16.25%	0.075	8.285
0120	Center Back	FNLN005008	6.5MM	YD	30A 30B 30C 30D 32A	0.012	21.25%	0.015	2.917
BINDING CONSUMPTION / YDS TO MM (PER PC)									

- Have to update those given binding consumption into SAP. Need to go the first level of the SAP BOM and update binding consumption values.

Material	Plant	BOM Usage	Components	Grid Value Mapping											
TSSXEWB0030_A1_HLS Full Coverage	1001 UNISON GLOB...	1													
			Base quantity 12 PC												
			BOM Status 1												
			BOM text 36D (30-36A, 30-38B-D, 32-36DD-DDD)												
Item	Ict.	Area	Opn.	Component	GV	Asm	Quantity	Un	RE	Remark	Fabric width	Unit	Binding width	Bind. Con.	Pat.
0040	L	WLW - Wing Lini...	00	FNLL005449	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.324	YD	<input type="checkbox"/>	BELOW 34B/34D ST126...	1,370.000	MM	16.000	187	ST
0050	L	GOR - Gore	00	FNLL005449	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.031	YD	<input type="checkbox"/>	ST1260-1+3415+HF406...					
0060	L	GOR - Gore	00	MPLF000002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.029	M	<input type="checkbox"/>	ST1260-1+3415+HF406...					
0064	L	GOR - Gore	00	FNLN005008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.032	YD	<input type="checkbox"/>	ST1260-1+3415+HF406...					
0070	L	GOR - Gore	00	MPLF000002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.029	M	<input type="checkbox"/>	ST1260-1+3415+HF406...					

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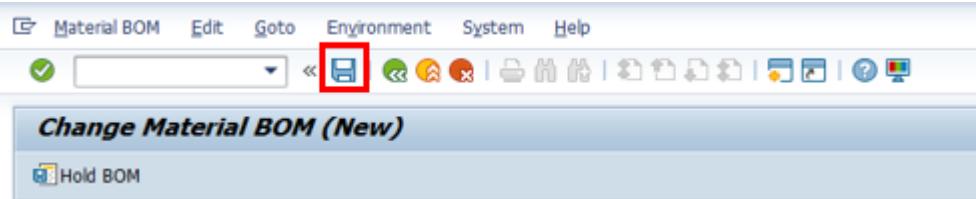
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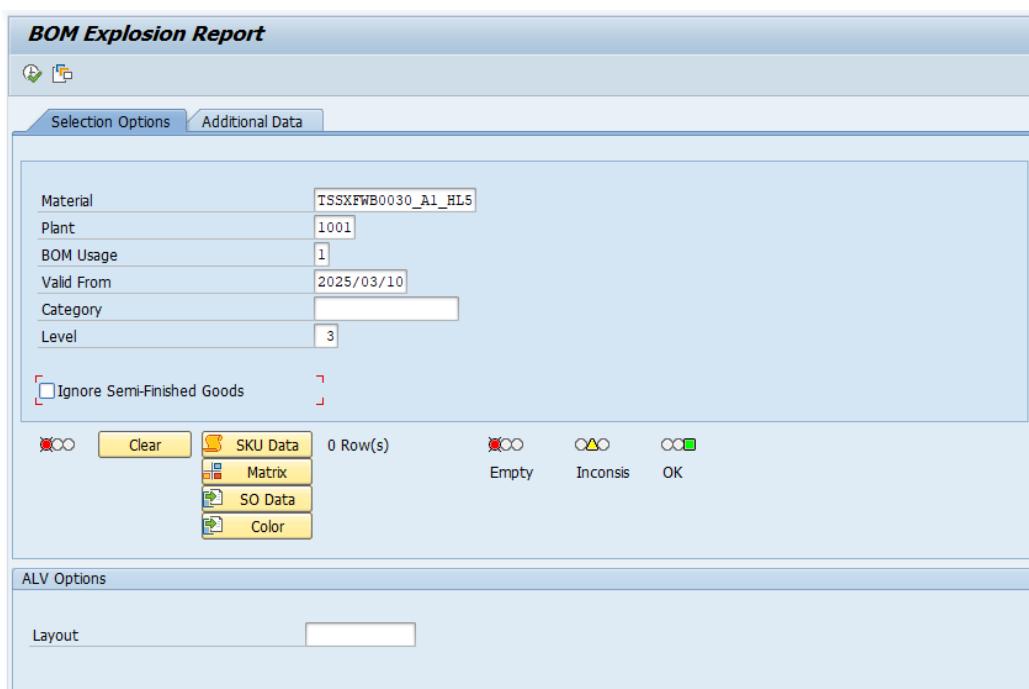
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- After updating all line items click save

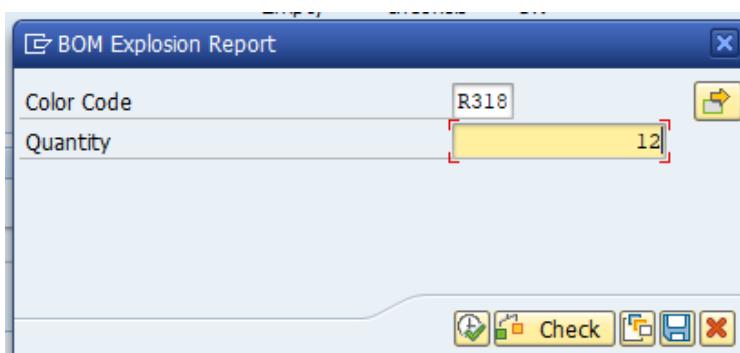


- Do the YY Validation:**

- Download SAP excel for all colorways using ZPPBOMEXP T-code.
  - Access the t code
  - Enter the Material, deselect the 'Ignore Semi-Finished Goods' option, and click the 'Color' button



- Enter the SAP color code and set the quantity to 12. Click 'Check,' then click 'Execute'



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- Click 'Execute' and download the SAP spreadsheet in .xlsx format.

BOM Explosion Report : TSSXFWB0030_A1_HL5 ( 1001 )										
Header Mat.	Operati.	Operation Descript.	Item	Component Mat.	Component Mat. Desc.	Color Name	Ar.	Area Desc.	Qty Required Q.	Hdr.Gr.V., Hdr.C., OrCd., Hdr.Size Desc
TSSXFWB0030_A_0010	CUTTING (Wt)	0030				TS:RED DAHLIA=RED COG	GOR Gore	R318	0.041	R3182402 R318 R318 2402
TSSXFWB0030_A_0020	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.041	R3183002 R318 R318 3602
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.041	R3183003 R318 R318 3603
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.041	R3183008 R318 R318 380
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830C R318 R318 38C
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R318308 R318 R318 388
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830D R318 R318 36D
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830C R318 R318 36C
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R318308 R318 R318 368
TSSXFWB0030_A_0030	BINDING (Wt)					TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830A R318 R318 36A
TSSXFWB0030_A_0030	BINDING (Wt)		0050	ST1260-1		TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830D R318 R318 3402
TSSXFWB0030_A_0030	BINDING (Wt)		0050	ST1260-1		TS:RED DAHLIA=RED COG	GOR Gore		0.038	R31830D R318 R318 3402

- Validate YY one by one color using BOM validation as below

Navigation >> COE >> SAP Verification >> BOM validation

BOM validation

Internal BOM : Choose File No file chosen SAP Worksheet : Choose File No file chosen

- Can validate one colorway at one time. Upload files as mentioned in below and click save and click compare to generate validation chart.

BOM validation

Internal BOM : Choose File R318.xlsx SAP Worksheet : Choose File export - R31...wnload.xlsx

- Share ALV report with marketing team:

Have to download system print for updated all colorways at one go.

Navigation >> ZPPBOMALV >> Enter >> Please refer below screenshot

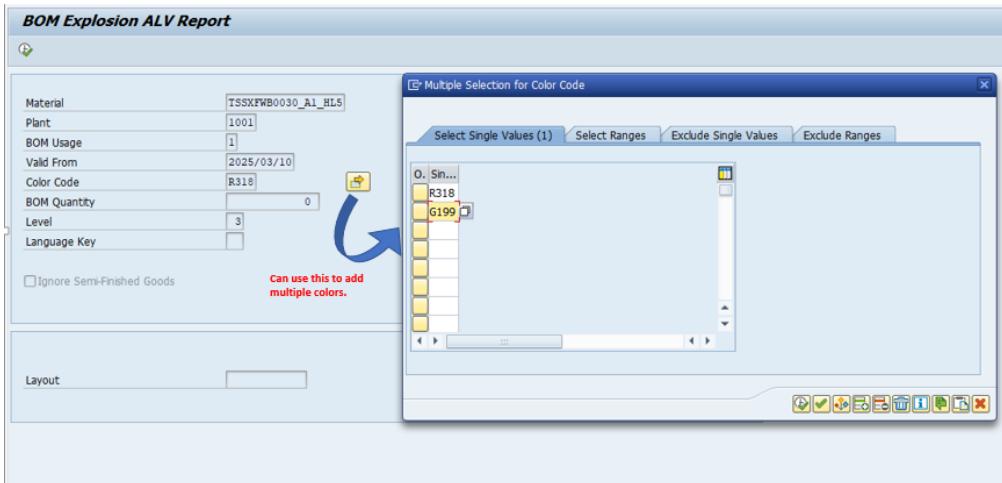
- Enter material (FG code)
- Enter plant
- Enter BOM usage
- Enter one SAP color (Can use  to add multiple colors.)
- Deselect the 'Ignore Semi-Finished Goods' option
- Click execute.

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- Download the ALV report and save it as mentioned format.
  - <FG code> <SAP color names>

TSSXFWB0030\_A1\_HL5 - R318 - G199.xlsx

- Complete the Job in COE job tracker.
- Share the ALV report with marketing team



Hi Vihanga,

YY updated. Please find the attached BOM ALV report.

Thank you,  
Gihan.