

7. Frequency of Inbound

Number of inbound shipments = By default equal to 1, it corresponds to the number of inbound shipments during RLT

- > Used to adjust Cycle stock formula for Finished Goods, if standing on a Distribution Center.
- > Used to calculate Cycle Stock for Raw Materials and Intermediates that are replenished.

Material	SKU	Nb of stock entries SAP	SHS RLT final [Day]	Nb of inbound days per year [Day]	Nb of inbound shipment	Nb of inbound shipment override	Nb of inbound shipment final
ACTALYS 2447 L5 (HSET) BASF BB	125945R@7677R ACTALYS 2447 L5 (H	6	365	1	+INF	1	1
ACTALYS 2447 L5 (HSET) HSE 100	54097R@7677R ACTALYS 2447 L5 (H	1	7	365	1	4	4
ACTALYS 2447 L5 CAKE	119881R@7677R ACTALYS 2447 L5 C	3	365	1	+INF	1	1
ACTALYS 2447 L5 HSE	119396R@7677R ACTALYS 2447 L5 H	3	365	1	+INF	1	1
ACTALYS 26 BASF 100 KG	111530R@7677R ACTALYS 26 BASF 1	8	365	1	+INF	1	1
ACTALYS 26 HSE 100 KG	82635R@7677R ACTALYS 26 HSE 100	1	6	365	1	10	10
ACTALYS 4330 L5	119303R@7677R ACTALYS 4330 L5 Z	4	3	365	1	+INF	1
ACTALYS 4330 L5 PULPE	119889R@7677R ACTALYS 4330 L5 P	3	3	365	1	3	3
ACTALYS 4330 L5 UMI BB 500 KG	24866R@7677R ACTALYS 4330 L5 UM	7	365	1	+INF	1	1
ACTALYS 4414	119416R@7677R ACTALYS 4414 ZFR	3	365	1	+INF	1	1
ACTALYS 4414 L1 OMG 80 KG	71280R@7677R ACTALYS 4414 L1 OM	5	365	1	+INF	1	1
ACTALYS 4465 100 KG	149281R@7677R ACTALYS 4465 100	6	365	1	+INF	1	1
ACTALYS 4800 L5	119402R@7677R ACTALYS 4800 L5 Z	3	365	1	+INF	1	1
ACTALYS 4800 L5 NQ 100 KG	48897R@7677R ACTALYS 4800 L5 NQ	6	365	1	+INF	1	1
ACTALYS 530	321652R@7677R ACTALYS 530 ZFR3	46	3	365	1	+INF	1
ACTALYS 530 CAKE	321653R@7677R ACTALYS 530 CAKE	19	3	365	1	+INF	1
ACTALYS 530 LR 125 KG	321617R@7677R ACTALYS 530 LR 12	10	365	1	+INF	1	1
ACTALYS 530 LR 800 KG	322263R@7677R ACTALYS 530 LR 80	16	8	365	1	+INF	1
ACTALYS 5300 CAKE	119887R@7677R ACTALYS 5300 CAK	35	3	365	1	+INF	1

Note: this view only shows the Materials which are Purchased (i.e. Procurement type <> E 'In House Production').

- 1> User can define the number of inbound days per year by Site (by default = 365, in the same we have put 210 for Mexico Natie)
- 2> Frequency of inbound calculated from SAP stock entries, it works as the initial value (see explanation below).
- 3> Optional: user can manually override the value
- 4> This is the final value that will be used for Cycle stock formula.

Nb of Inbound shipments from SAP

As we saw before, the 'Nb of inbound shipments from SAP' is calculated and constitutes the initial (default) value.
How is it calculated?

1. We extract all the stock entries from Material Documents of MB51, calculating the number of lines with different posting dates.
2. Then we calculate the Number of inbound shipments as follows :

Number of inbound shipments = Number of stock entries SAP last 12 months * (SHS RLT / Number of inbound days by Site per year)

Note: - when previous calculations returns a value < 1, we round it to 1 (because we have at least 1 inbound during RLT)

- number of inbound days by Site = 365 days by default but it can be manually adjusted by user (ex: for Mexico Natie, it's 210 days), see information in below section 'How to modify the number of inbound days per Site'

Example:

115199R@8711R

RHODAPEX ESB 70 A2 2200LB TOTE 7008 / TRCC Polymer Dalton

Number of inbound shipments = 10 * (22 / 365) = 0.6 -> 1

[illegible]

6 / 1	Item
Data fields	115199R@8711R RHODAPEX ESB 70 A2 2200LB TOTE 7008 / TRCC Polymer Dalton
Nb of stock entries SAP	10
Nb of inbound days per year [Day]	365
SHS RLT final [Day]	22
Nb of inbound shipment override	+INF
Nb of inbound shipment	1
Nb of inbound shipment final	1

How to modify the number of inbound days per Site

The value by default is 365 days but it can be manually adjusted by user (ex: for Mexico Natie, it's 210 days).

Due to potential conflicts when 2 P&I users are working on the tool, the "NB of inbound days per year by Site" is not open to modification default (you will see it in gray color) :

atalog Lead Time **7. Frequency of inbound** 8. Batch Size for PI 9. Contrib Mar...

PI05 - Planning data - Nb of inbound days per year by Site

7851R 8090 Ospiate Di Bollate

Data fields	
Nb of inbound days per year by Site	365.00

To open it to modification, please follow the steps below:

In the right tab "PI05 - Planning data - Nb of inbound days per year by Site", do the following:

WDCDYAP31.eua.solvay.com

Home Tools View Spreadsheet

0. Proposed Valuation class PI 1. Adm. Scheduling LT 2. Procurement LT for PI 3. Production LT for PI 4. Override Lead time from SAP 5. Monoclevel_SHS_RLT 6. Catalog Lead Time 7. Frequency of inbound 8. Batch Size for PI 9. Contrib. Mar.

P&I - Inbound Frequency

Site: 7851R 8090 Ospiate Di Bollate

Material	SKU	Procurement type	Number of stock entries	SHS_RLT (Standard Day)	Number of inbound days @ SKU	Number of inbound shipment	Nu sh
10331R	IGEPAL CO 630 200 KG METAL DRUM 8090 Ospiate Di Bollate	F External1 procurement		9.0			
103427R	RHODAPEX LA 1205 1000 KG PLASTIC CONT 8090 Ospiate	F External1 procurement	28.0	57.0		3.1	
103429R	RHODAPEX LA 1205 BULK 8090 Ospiate Di Bollate	F External1 procurement	4.0	42.0			
10508R	IGEPAL CO 730 200KG METAL DRUM 8090 Ospiate Di Bollate	F External1 procurement		24.0			
105265R	ALCOHOL CETILOLEICO 50-55 BU 8090 Ospiate Di Bollate	F External1 procurement	9.0	16.0			
105798R	RHODACAL 70B BULK 8090 Ospiate Di Bollate	F External1 procurement	1.0	35.0			
1061557R	DEIONIZED WATER 8090 Ospiate Di Bollate	X Both procurement types		4.0			
109601R	ISO-TRIDEOYL ALCOHOL 175KG DRUM 8090 Ospiate Di Bollate	F External1 procurement	16.0	10.0			
114347R	SOPROPONOR TSP 200 KG METAL DRUM 8090 Ospiate Di Bollate	F External1 procurement	8.0	30.0			
117547R	MONOETHANOLAM COCO SABOPALM245 IBC1000KG 8090	F External1 procurement		15.0			
118572R	IGEPAL CO 630 1000KG IBC 8090 Ospiate Di Bollate	F External1 procurement	3.0	9.0			

PI05 - Planning data - Nb of inbound days per year by Site

7851R 8090 Ospiate Di Bollate

Data fields

Nb of inbound days per year by Site 365.00

1- right click

2- select 'Details'

Selection...
Dimension order...
Hide default values
Locate object
Find...

View Management

Data fields
Dim. Mapping
Selection
Data field display
Open mode
Order of dimensions
Linked Print Model

Default Open Mode

Mode 1: Updatable data fields Modification (lock)

Mode 2: Computed data fields Notified update

Mode 3: Annotation data fields That of the data field

3- Select

4- Change to 'Modification (lock)'

Data field	Data field open mode	Annotation opening mode
Nb of inbound days per year by Site	Default (Mode 1)	

5- Click on 'Ok'

OK Apply Cancel Help

The datafield (line) becomes now open to Modification:

atalog Lead Time

7. Frequency of inbound

8. Batch Size for PI

9. Contrib Mar

PI05 - Planning data - Nb of inbound days per year by Site

7851R 8090 Ospiate Di Bollate

Data fields	
Nb of inbound days per year by Site	365.00