

4.1.2c - Master Data from SAP

SKU Plant/Warehouse SKU Shipping in DiP

Dimension	How to see SKU in DiP	Terms
Source	SAP transaction code MM03 DynaSys DP DynaSys DiP	
Condition	a. The BU of Material x Plant should be part of DynaSys 's scope in BW filters (if not, ask SBS to tell BW team to add it) b. The Plant/Warehouse should be part of DynaSys 's scope in SAP (if not, ask SBS to tell BW team to add it) c. At least one material x plant view (MRP1,2,3...) exists in SAP d. At least 1 costing view exists in SAP	
Frequency	Daily update (update to DynaSys DiP during daily Static import)	*should bear 2 days of delay if the Plant /Warehouse not exist yet need to add the new material/shipto to SAP by creating a ticket thereafter SBS will interface this to DynaSys DP .
Trouble-shooting	Normally, a material that has all Material x Plant views (MRP views) & at least 1 costing view, should be created in DiP-PP (2 days of delay since moment of creation). If the SKU fulfills these 2 conditions but doesn't exist in DiP => contact SBS Note: Another reason could be that the SKU belongs to a new plant, in that case raise a ticket to SBS to add it to the DynaSys's scope.	

ABC Indicator

[SAP](#) Transaction **MM03** allow the user to view the Material data

ABC Indicator is in tab MRP1

Display Material 100220 (/Finished pdt & RM & SF)

Additional Data

Org. Levels

MM03

Purchase order text

MRP 1

MRP 2

MRP 3

MRP 4

Work scheduling

Plant d...

Material100220

Plant0263

SOPROPHOR TS 10 440.92LB CHS

7424 Spartanburg

General data

Base Unit of MeasureLBUS pound

MRP groupZM01

ABC IndicatorD

Plant-sp.matl status

Valid from

I400 - Distribution imported datas (day)

I400 Planning Strategy (ABC Indicator)

28190 / 1

Data fields

SKU

I400 Planning Strategy (ABC Indicator)

100187R@64508R

ZZ

100220R@0263R

D

100220R@0294R

D

DiP-PP

Batch size

Fixed lot size is in tab MRP1

DiP-PP

Country of origin is in tab Foreign trade export

47076 / 0

Data fields

SKU

I400 Country of origin

105635R@7900R

CN

110663R@8035R

CN

143467R@8505R

US

143509R@8505R

US

143598R@8356R

MX

143599R@8356R

MX

143601R@8356R

MX

143637R@8505R

US

143684R@8505R

US

143740R@8505R

US

143782R@8505R

US

143896R@8505R

US

144042R@8505R

US

150851R@8509R

NL

61651R@0294R

US

I400 - Distribution imported datas (day)

I400 Country of origin

Material

Edit

Goto

Environment

System

Help

Display Material 110663 (/Finished pdt & RM & SF)

Additional Data

Org. Levels

Sales: general/plant

Foreign trade export

Sales text

Purchasing

Foreign trade import

Pur...

Material

110663

RICORR 75 250KG PLASTIC DRUM

Plant

8035

7810 Zhangjiagang

Foreign trade data

Comm./mp. code no.

2931399090

Other organo-inorganic compounds contain

Un

Export/import group

CAS number (pharm.)

PRODCOM no.

Control code

Origin / EU market organization / preferences

Country of origin

CN

Region of origin

CAP product list no.

CAP prod. group

Preference status

Not maintained

Customs tariff prefs

MM03

Frozen period production

SAP Transaction **MM03** allow the user to view the Material data

Planning time fence is in tab MRP1

34219 / 0

Data fields

Item

I300 Frozen period production [Standard Day]

100438R@7605R

7.00

100438R@7622R

3.00

100440R@0278R

7.00

100440R@8007R

5.00

100440R@8087R

5.00

100656R@8172R

7.00

100658R@7622R

3.00

100687R@8172R

7.00

101399R@7622R

3.00

101399R@8172R

7.00

101441R@0087R

5.00

101441R@7622R

3.00

101445R@0087R

5.00

101445R@0278R

1.00

101445R@7622R

3.00

101445R@7994R

1.00

101445R@8007R

5.00

101445R@8103R

1.00

101445R@8172R

21.00

101764R@7622R

3.00

101942R@8007R

5.00

101942R@8087R

5.00

102352R@0087R

5.00

102352R@7622R

3.00

102352R@8172R

1.00

102400R@7528R

1.00

102515R@7528R

60.00

I300 - Production imported datas (day)

I300 Frozen period production

Material

Edit

Goto

Environment

System

Help

Display Material 100438 (/Finished pdt & RM & SF)

Additional Data

Org. Levels

Purchase order text

MRP 1

MRP 2

MRP 3

MRP 4

Work scheduling

Plant data / stor. 1

Material

100438

EOSIL 1165MP 650KG/PAL

Plant

7605

6746 Incheon

General data

Base Unit of Measure

KG

kg

MRP group

Z001

Plant-sp.matl status

ABC Indicator

Valid from

MRP procedure

MRP Type

Z3

Copy of P3 + uploaded in APO

Reorder Point

0

Planning time fence

7

Planning cycle

MRP Controller

300

Lot size data

Lot size

EX

Lot-for-lot order quantity

Minimum Lot Size

1.000

Maximum Lot Size

0

MM03

Good receipt processing time

SAP Transaction **MD04** allow the user to view the Material data

GR processing time is in tab MRP2

I300 - Production imported datas (day) - I300 Good receipt processing time

47076 / 0	Data fields
Item	I300 Good receipt processing time [Standard Day]
105635R@7900R	7.00
105635R@8035R	1.00

MD04

Display Material 105635 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant d...

Material 105635 I BRICORR 75:IBC:1400KG
Plant 7900 7424 / Chempak Houston

Procurement

Procurement type F Batch entry
Special procurement GE Prod. stor. location
Quota arr. usage Default supply area
Backflush 2 Storage loc. for EP
JIT delivery sched. Stock det. grp
☐ Co-product
☐ Bulk material

Scheduling

In-house production 1 days
GR processing time 7 days
SchedMargin key 000
Planned Deliv. Time 60 days
Planning calendar

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HTS

SAP Transaction **MM03** allow the user to view the Material data

Foreign trade data - Comm./imp. code no. is in tab Foreign trade import

I400 - Distribution imported datas (day) - I400 HTS

47076 / 0	Data fields
SKU	I400 HTS
105635R@7900R	2931399000
105635R@8035R	2931399090
110663R@8035R	2931399090
118364R@8035R	2931399090
143467R@8505R	34029099
143509R@8505R	34021199
143598R@8356R	39092099
143599R@8356R	39092099
143601R@8356R	39092099
143637R@8505R	34021199
143684R@8505R	29171902
143740R@8505R	34029099
143782R@8505R	34029099
143896R@8505R	34021199
144042R@8505R	34029099
150851R@8509R	3402900090
61651R@0294R	2920900002

MM03

Material Edit Goto Environment System Help

Display Material 105635 (/Finished pdt & RM & SF)

Additional Data Org. Levels

Purchasing Foreign trade import Purchase order text MRP 1 MRP 2 MRP 3 MRP 4

Material 105635 BRICORR 75:IBC:1400KG
Plant 8035 7810 Zhangjiagang

Foreign trade data

Comm./imp. code no. 2931399090
Export/import group
CAS number (pharm.)
PRODCOM no.

Other organo-inorganic compounds contain Un

Minimum run

SAP Transaction **MM03** allow the user to view the Material data

Minimum Lot Size is in tab MRP1

Display Material 143598 (/Finished pdt & RM & SF)

Additional Data Org. Levels

Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant d...

Material 143598 YFLOC C515 BULK

Plant 8356 7723 Atequiza

General data

Base Unit of Measure

Plant-sp. m

MRP process

MRP Type

Reorder Po

Planning cy

Lot size data

Lot size EX Lot-for-lot order quantity

Minimum Lot Size 30.000

Maximum Lot Size 0

Maximum stock level 0

MM03

I300 - Production imported datas (day) - I300 Minimum run

Item	I300 Minimum run [KG]
143467R@8505R	215
143509R@8505R	227
143598R@8356R	30 000
143599R@8356R	215

Moving price

SAP Transaction **MM03** allow the user to view the Material data

Moving price is in tab Accounting1

I400 - Distribution imported datas (day) - I400 Unit moving price

SKU	I400 Unit moving price [€/KG]
105635R@7900R	1.65
105635R@8035R	0.69
110663R@8035R	0.71
118364R@8035R	0.72
143467R@8505R	2.14
143509R@8505R	1.31
143598R@8356R	0.40
143599R@8356R	0.56
143601R@8356R	0.58
143637R@8505R	14.05
143684R@8505R	4.23
143740R@8505R	1.57
143782R@8505R	4.22
143896R@8505R	1.79
144042R@8505R	1.77
150851R@8509R	1.92
61651R@0294R	3.82

MM03

Display Material 110663 (/Finished pdt & RM & SF)

Additional Data Org. Levels

Quality management Accounting 1 Accounting 2 Costing 1 Costing 2 Plant stock Sto...

Material 110663 RICORR 75 250KG PLASTIC DRUM

Plant 8035 7810 Zhangjiagang

General Data

Base Unit of Measure KG kg Valuation Category

Currency CNY Current period 09 2019

Division TL Price determ.

Current valuation

Valuation Class Z150

VC: Sales order stk

Price control S

Moving price 5.600,50

Total Stock 0

Proj. stk val. class

Price unit 1.000

Standard price 5.668,25

Total Value 0,00

Valuated Un

Procurement type

SAP Transaction **MM03** allow the user to view the Material data

Procurement type is in tab MRP2

Display Material 100220 (/Finished pdt & RM & SF)

MM03

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant d...

Material 100220 OPROPHOR TS 10 440.92LB CHS
Plant 0263 7424 Spartanburg

Procurement

Procurement type E Batch entry
Special procurement Prod. stor. location
Quota arr. usage Default supply area
Backflush 2 Storage loc. for EP
JIT delivery sched. Stock det. grp
Co-product

1400 - Distribution imported datas (day) - 1400 Procurement type

28190 / 1	Data fields
SKU	1400 Procurement type
100187R@64508R	Not defined
100220R@0263R	E
100220R@0294R	F

DiP-PP

Rounding value

SAP Transaction **MM03** allow the user to view the Material data

Rounding value is in tab MRP1

1400 - Distribution imported datas (day) - 1400 - Rounding value

47076 / 0	Data fields
SKU	1400 - Rounding value [KG]
105635R@8035R	1.400
110665R@8035R	2501
118364R@8035R	
143467R@8505R	
143509R@8505R	
143598R@8356R	
143599R@8356R	
143601R@8356R	
143637R@8505R	
143684R@8505R	
143740R@8505R	
143782R@8505R	
143896R@8505R	
144042R@8505R	
150851R@8509R	

Display Material 105635 (/Finished pdt & RM & SF)

MM03

Additional Data Org. Levels

Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1

Material 105635 IRICORR 75:IBC:1400KG
Plant 8035 7810 Zhangjiagang

General data

Base Unit of Measure KG kg MRP group Z002
ABC indicator B
Plant-sp.matl status Valid from

MRP procedure

MRP Type ZD Copy of PD + uploaded in APO
Reorder Point 0 Planning time fence 0
Planning cycle MRP Controller 105

Lot size data

Lot size ZM Monthly lot size (Req date :=del date)
Minimum Lot Size 0 Maximum Lot Size 0
Maximum stock level 0
Assembly scrap (%) 0,00 Takt time 0
Rounding Profile Rounding value 1.400
Unit of Measure Grp

Safety stock days

SAP Transaction **MM03** allow the user to view the Material data

Safety time/act.cov. is in tab MRP2

MM03

Display Material 101655 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant data / stor. 2

Material101655

Plant0246

ALKAMULS VO 2003 2200LB TOTE

7424 Blue Island

Procurement

Procurement typeFBatch entry

Special procurementCSProd. stor. locationB2EC

Quota arr. usage

Backflush

JIT delivery sched.

Co-product

Bulk material

Scheduling

In-house production0 daysPlanned Deliv. Time2 days

GR processing time0 daysPlanning calendarUS

SchedMargin key010

Net requirements calculation

Safety stock0Service level (%)0,0

Min safety stock0Coverage profile

Safety time ind.2Safety time/act.cov.3 days

STime period profile

I300 - Production imported datas (day) I300 Safety stock days

Item	Data fields
101655R@0246R	3.00
103427R@7851R	3.00

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Safety stock quantity

SAP Transaction **MM03** allow the user to view the Material data

Safety stock is in tab MRP2

I300 - Production imported datas (day) I300 Safety stock quantity

Item	I300 Safety stock quantity (KG)
143467R@8505R	3 232
143509R@8505R	4 536
143599R@8356R	18 705
143684R@8505R	1 980
143740R@8505R	1 134
143782R@8505R	1 170
143896R@8505R	1 504
144042R@8505R	5 171
150851R@8509R	20 000
161651R@0294R	32 659

Display Material 143467 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant data / stor. 2

Material 143467 EROSOL OT75 475LB (215.459KG) CHP
Plant 8505 7723 / FH Logist Azcapotzalco

Procurement

Procurement type F Batch entry
Special procurement ET Prod. stor. location
Quota arr. usage Default supply area
Backflush 2 Storage loc. for EP
JIT delivery sched. Stock det. grp

Scheduling

In-house production 0 days Planned Delv. Time 27 days
GR processing time 3 days Planning calendar
SchedMargin key 000

Net requirements calculation

Safety stock 3.231,885 Service level (%) 0,0
Min safety stock 0 Coverage profile
Safety time ind. Safety time/act.cov. 0 days
STime period profile

MM03

Special Procurement key

SAP Transaction **MM03** allow the user to view the Material data

Special procurement is in tab MRP2

Display Material 100220 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant data / stor. 2

Material 100220 OPROPHOR TS 10 440.92LB CHS
Plant 0294 7424 / Sunland Greenville

Procurement

Procurement type F Batch entry
Special procurement E5 Prod. stor. location
Quota arr. usage Default supply area
Backflush 2 Storage loc. for EP
JIT delivery sched. Stock det. grp

I400 - Distribution imported datas (day) I400 Special Procurement Key

SKU	I400 Special Procurement Key
100187R@64508R	ZZ
100220R@0263R	
100220R@0294R	E5
100220R@2026282R	ZZ

DiP-PP

Total Replenishment Lead time (RLT) from MRP3

SAP Transaction MM03 allow the user to view the Material data

Tot. repl. lead time is in tab MRP3

I400 - Distribution imported datas (day) - I400 Total RLT from MRP3 (SAP)

SKU	I400 Total RLT from MRP3 (SAP) [Standard Day]
105635R@7900R	60.00
105635R@8035R	20.00
110663R@8035R	20.00
118364R@8035R	20.00
143467R@8505R	30.00
143509R@8505R	31.00
143598R@8356R	24.00
143599R@8356R	24.00
143601R@8356R	24.00
143637R@8505R	36.00
143684R@8505R	45.00
143740R@8505R	25.00
143782R@8505R	52.00
143896R@8505R	30.00
144042R@8505R	27.00
61651R@0294R	14.00

Material110663Plant8035

IRICORR 75 250KG PLASTIC DRUM7810 Zhangjiagang

Forecast Requirements

Period Indicator	M	Fiscal Year Variant	Splitting indicator
Planning			
Strategy Group	ZM	Plan w/fin assembly PIR cons. in month	
Consumption mode	2	Bwd consumption per.	30
Fwd consumption per.	30	Mixed MRP	
Planning material		Planning plant	
Plng conv. factor		Planning matl BUnit	
Availability check			
Availability check	X7	Tot. repl. lead time20 days	
Cross-project			

Unit standard cost (CCR)

SAP Transaction MM03 allow the user to view the Material data

Currency & Standard price is in tab Costing2

Display Material 10454 (/Finished pdt & RM & SF)

Costing 1Costing 2Plant stockStor. location stockLabel Data

Standard Cost Estimate

Cost Estimate	Future	Current	Previous
Period / Fiscal Year	0	10 2019	9 2019
Planned price	0, 00	920, 58	906, 91
Standard price		920, 58	
Planned prices			
Planned price 1	0, 00	Planned price date 1	
Planned price 2	0, 00	Planned price date 2	
Planned price 3	0, 00	Planned price date 3	
Valuation Data			
Valuation Class	Z150	Valuation Category	
VC: Sales order stk		Proj. stk val. class	
Price control	S	Current period	10 2019
Price unit	1. 000	Currency	EUR
Moving price	929, 02	Standard price	920, 58

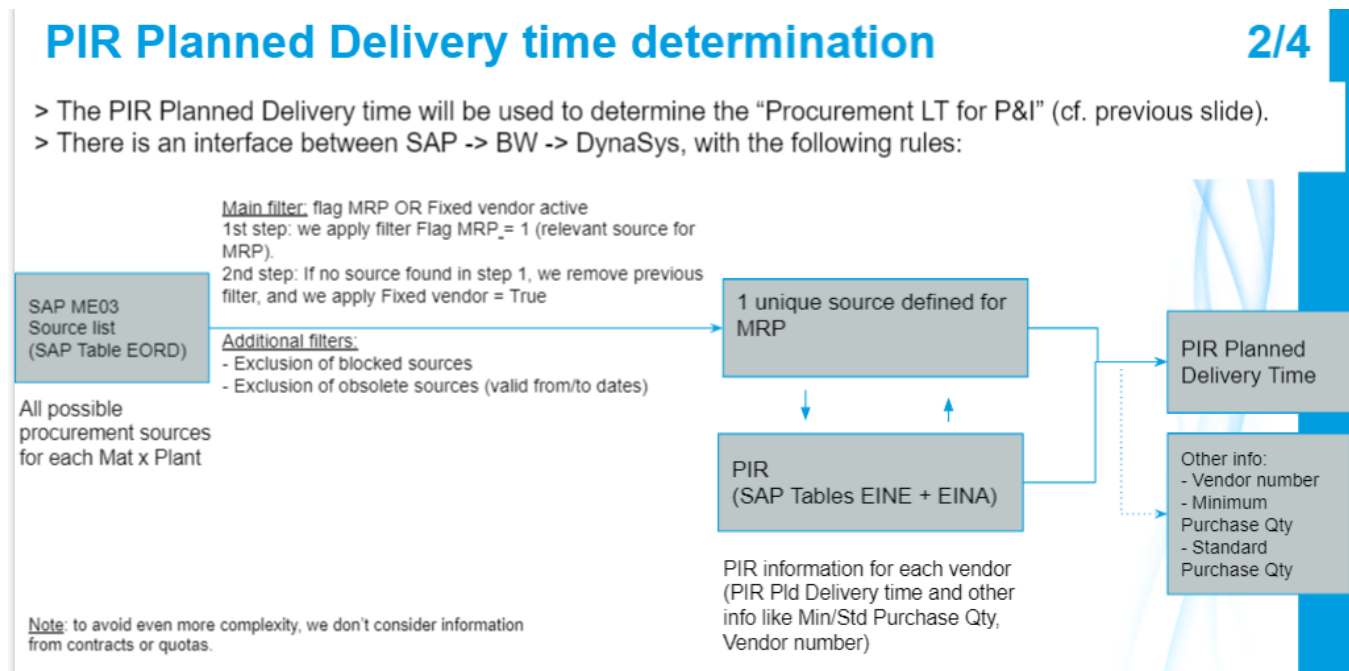
SKU	I400 Unit Standard Cost (CCR) € [€/KG]
104395R@8098R	1. 29778
104530R@7897R	1. 55968
10454R@7512R	0. 92058
10455R@7512R	0. 72704
10455R@8584R	0. 72705

PIR Planned Delivery time

> The PIR Planned Delivery time will be used to determine the “Procurement LT for P&I”.

> There is an interface between SAP -> BW -> DynaSys to determine the 'PIR Planned Delivery time'

> The same interface is used to determine the 'Vendor number', 'Minimum Purchase Quantity' and 'Standard Purchase Quantity'



Number of Vendor / Suppliers

The "Number of Suppliers" (or "Number of vendors") is calculated from the number of valide suppliers available in SAP Purchasing Source List, tcode ME03 (or can also access Table EORD).

In a nutshell, we take all sources and we apply the following filters in order to keep only the valid ones:

- Exclusion of blocked sources
- Exclusion of obsolete sources (using validity date)



Note: as we can see above, we take almost the same filters as when calculating the 'PIR Planned Delivery time' except the 'flag MRP' or 'Fixed vendor'