

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

I400 - Distribution imported datas (day) - I400 Country of origin

SKU	Data fields
47076 / 0	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

Material 110663 R1CORR 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

I300 - Production imported datas (day) - I300 Frozen period production

Item	Data fields
34219 / 0	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

Material 100438 EOSIL 1165MP 650KG/PAL
Plant 7605 6746 Incheon

General data

Base Unit of Measure KG kg MRP group 2001

Plant-sp.matl status

Valid from

MRP procedure

MRP Type Z3 Copy of P3 + uploaded in APO

Reorder Point 0

Planning cycle

Planning time fence 7

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

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

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. ML act.

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 typeF

Special procurementCS

Quota arr. usage

Backflush

JIT delivery sched.

Co-product

Bulk material

Scheduling

In-house production0 days

GR processing time0 days

SchedMargin key010

Planned Deliv. Time2 days

Planning calendarUS

Net requirements calculation

Safety stock0

Min safety stock0

Safety time ind.2

STime period profile

Service level (%)0, 0

Coverage profile

Safety time/act.cov.3 days

I300 - Production imported datas (day)

I300 Safety stock days

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

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
61651R@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

Material Edit Goto Environment System Help

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

Additional Data Org. Levels

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

Material 110663 Plant 8035 IRICORR 75 250KG PLASTIC DRUM 7810 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

Pchg conv. factor Planning matl BUnit

Availability check

Availability check X7

Cross-project

Tot. repl. lead time 20 days

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)

Additional Data Org. Levels

Costing 1 Costing 2 Plant stock Stor. location stock Label Data

Standard Cost Estimate

Cost Estimate

Period / Fiscal Year 0 Future 10 2019 Current 9 2019 Previous

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

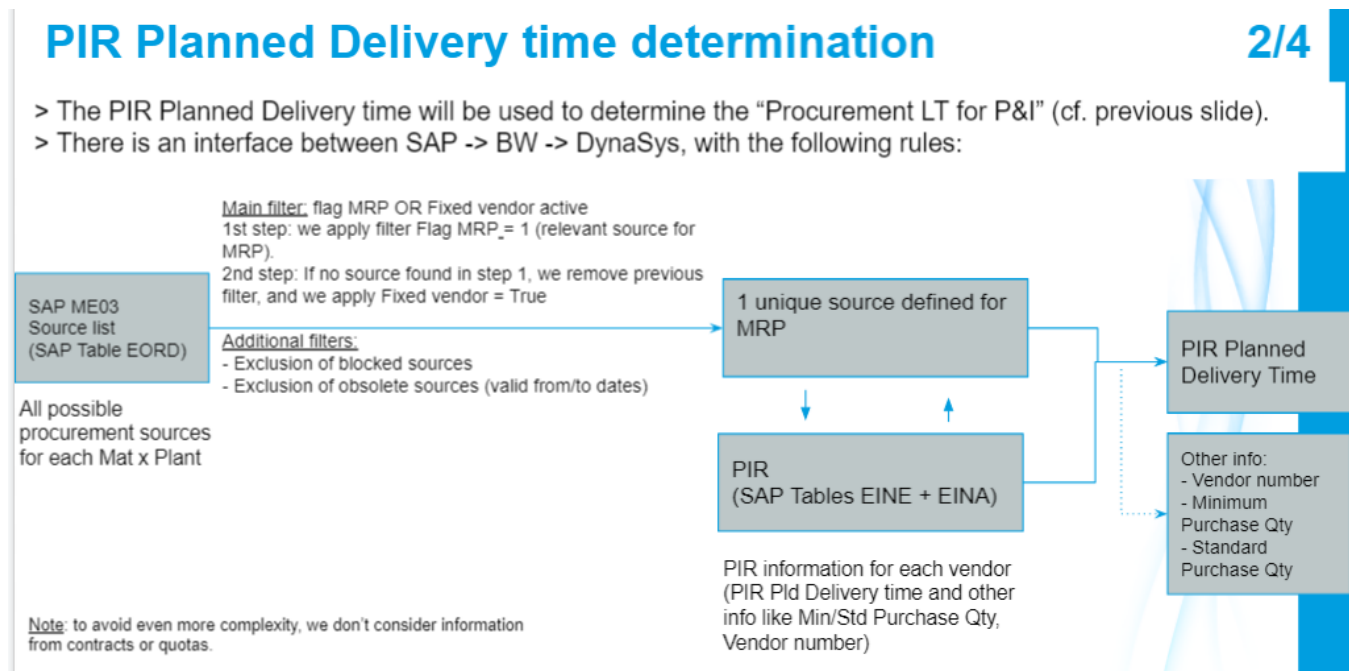
SKU	I400 Unit Standard Cost (CCR) € [€/KG]
104395R@8098R	1.29778
104530R@7897R	1.55968
10454R@7512R	0.92058
10455R@7512R	0.72704
10455R@8584R	0.72705

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'