

b. Production LT

> The Production LT will be calculated only for Materials that are Produced. We will use SAP "Procurement Type = E" (In House Production) to identify those Materials.

When the item's procurement type is X, we will use the Purchased LT.

> In order to calculate P&I 'Production LT'we take as default the 'Processing time' from Work scheduling view (SAP Material Master). If this value is empty, we take the 'Inhouse production time'.

P&I Lea d Tim es	Le vel Re qui red	Proposed SAP Field	Purpose in SAP	S A P L e v el	C o m m e n t
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Production LT

Material / Plant

Work scheduling view : Processing time (MARC-BEARZ) + Base quantity (MARC-BASMG)

Display Material 113952 (/Finished pdt & RM & SF)

Additional Data Org. Levels

MRP 4 Work scheduling Plant data / stor. 1 Plant data / stor. 2 Warehouse mgmt 1

Material 113952 MACKAMINE 654 900 KG IBC
Plant 7512 ZFR3 Clamecy

General Data

Base Unit of Measure	KG kg	Unit of issue	
Production unit		P-S matl status	Valid from
Prodn Supervisor		Prod. Stor.Loc.	P1
Prod.Sched.Profile	Z001 Production	Mat. Grouping	
Serial no. profile	SerLevel	Overall profile	
	☐ Critical Part	☐ Version Indicator	ProdVersions
	☐ Batch rec. req.	Batch entry	☒ Batch Mgmt Rqt

Tolerance data

Underdely tol.	0, 0 percent	Overdely tol.	0, 0 percent	☐ Unlimited
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In-house production time in days

Lot size dependent		Lot size independent	
Setup time	0, 00	Interoperation	0, 00
Processing time	21, 00	Base quantity	900
		InhseProdTime	0

or if not filled-in

MRP view or Work scheduling view : **Inhouse production time** (MARC-DZEIT)

Display Material 101544 (/Finished pdt & RM & SF)

Additional Data Org. Levels

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

Material 101544 AGUAR HP 105 25KG CARDBOARD CARTON
Plant 7900 7424 / Chempak Houston

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			
☐ Bulk material			

Scheduling

In-house production	7 days	Planned Deliv. Time	2 days
GR processing time	2 days	Planning calendar	
SchedMargin key	000		

The Processing time + base quantity from 'Work scheduling view' or the inhouse production time are used by the MRP -> Scheduling activities.

Either Processing time + base quantity or Inhouse production time can be maintained.

Note: According to the Scheduling MRP parameter either those material master data will be used or the routing /recipe data will be used.

Material / Plant Work days

GR Processing LT	Material / Plant	Display Material 101544 (/Finished pdt & RM & SF) Additional Data Org. Levels MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling Plant data / stor. 1 Plant dat... Material 101544 AGUAR HP 105 25KG CARDBOARD CARTON Plant 7900 7424 / Chempak Houston 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 ☐ Bulk material Scheduling In-house production 7 days Planned Deliv. Time 2 days GR processing time 2 days Planning calendar SchedMargin key 000 Number of workdays required after receiving the material for inspection and placement into storage. Material / Plant Workdays
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To see the full list of LT extracted from SAP, please refer to: [Leadtimes coming from SAP](#)

Monolevel RLT Calculation

To calculate the total 'Monolevel' lead time of Produced Materials, we add the Good Receipt Processing time ("GR processing time" of SAP MM > MRP2 view).

Monolevel RLT Produced Materials = Production LT + GR Processing LT

SHS RLT Calculation

The SHS-dependent Replenishment Lead time (SHS RLT) will be calculated from a number of different lead times coming from SAP.

> This SHS RLT will be multilevel & multi-site

> We will compare this 'Industrial' RLT with the Promised LT to Customer ('Catalog LT') and adjust the Strategy of the Product (MTO, MTS, MTF) accordingly.

More information can be found [here](#).