

QM : Inspection Lot/Usage (Core Query)



The objective of this documentation is not to allow to recreate from scratch the object but **to explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

Description	<i>QM : Inspection Lot/Usage (Core Query)</i>
Technical Name	BW_QRY_CPQM04_0001
Application	<i>IA_QM Quality Management</i>
Info-provider	<i>CPQM04</i>
Usage type	<i>Direct execution in analyzer</i>
Expected users	

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Workbook/Query General Description

This query will be used to display the Conformity Rate in % at by GBU and plant.

Others key figures are also available like Actual Lot Quantity, volume accepted...

General parameters

Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		
Value Display		
Planning		
Extended		

Variables

Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
V_LOGSYS_0002 Source System	0LOGSYS	Selection option/Optionnal /ManualEntry	No	SAP Source system
CALMONT2 Calendar Month/Year (Interval, Mandatory)	0CALMONTH	Interval/Mandatory/ManualEntry	Yes	Calendar Month/Year according to the calendar day
VBASE_UOM_05	All KF (Quantity Volume)	Single value/Mandatory/ /ManualEntry	Yes	Value by default => VKG
V_CPFCTR1_2_0008 BFC GBU (Selection Option, Optionnal)	C_MATPNT2__CPFCTR 1_2	Selection option/Optionnal /ManualEntry	No	
V_C_PLANT_0010 Plant (Selection Option, Optionnal)	C_PLANT	Selection option/Optionnal /ManualEntry	No	

V_C_MATNR2_0001 Material (Selection Option, Optionnal)	C_MATNR2	Selection option/Optionnal /ManualEntry	No	
V_C_BATCH_0001 Batch (Selection Option, Optionnal)	C_BATCH2	Selection option/Optionnal /ManualEntry	No	
V_CPLANT_C_AUTHMA_001 Auth Scope on Plant (Auth with input)	C_PLANT__C_AUTHMA	Single Value/Optionnal /Authorization	No	

Variable Sequence

Variables
 [V_LOGSYS_0002] Source System (Selection option, Optional)  [CALMONT2] Calendar Month/Year (Interval, Mandatory)  [VBASE_UOM_05] UoM for Qty conversion (Single value, Mandatory)  [V_CPFCTR1_2_0008] BFC GBU (Selection Option, Optional)  [V_C_PLANT_0010] Plant (Selection Option, Optional)  [V_C_MATNR2_0001] Material (Select option, Optional)  [V_C_BATCH2_001] Batch (Selection Option, Optional)  [V_CPLANT_C_AUTHMA_001] Auth Scope on Plant (Auth with input)

Filters

Object	Filter Value	Explanation
Material Type (C_MATNR2__C_MAT_TYP)	= ZMAT	Only Finished Product

Key figures

Technical Name <i>Description</i>	Type	Restricted or Calculated Key Figure	Calculation Rule
OILOT_QTY Actual Lot Quantity	Hide (can be shown)		
ZCONF_RATE Conformity Rate (%)	Always show	Calculated Key Figure	Formula Formula: NODIM("[ZCONF_RATE_RCS] Conformity Rate (%) - RCS" + "[ZCONF_RATE_SOLVAY] Conformity Rate (%) - Solvay" + "[ZCONF_RATE_SP] Conformity Rate (%) - Speciality Polymers" + "[ZCONF_RATE_PROX] Conformity Rate (%) - Peroxid" + "[ZCONF_RATE_SOLVAY_SPECIAL_CHEM] Conformity Rate (%) - Solvay - Special Chem" + "[ZCONF_RATE_SOLVAY_SODA_ASH] Conformity Rate (%) - Solvay - Soda Ash")
ZCONF_RATE_RCS Conformity Rate (%) - RCS	Hide (can be shown)	Calculated Key Figure	Formula Formula: NODIM(IF("[BW_RKF_CPQM04_0002] Volume Accepted - RCS" == 0; 0; 100 * "[BW_RKF_CPQM04_0002] Volume Accepted - RCS" / ABS("[OILOT_QTY] Actual lot quantity")))

ZCONF_RATE_SOLVAY Conformity Rate (%) - Solvay	Hide (can be shown)	Calculated Key Figure	Formula Formula: $\text{NODIM}(\text{IF}("[\text{BW_RKF_CPQM04_0001}] \text{ Volume Accepted - Solvay}" == 0; 0; 100 * "[\text{BW_RKF_CPQM04_0001}] \text{ Volume Accepted - Solvay}" / \text{ABS}("[\text{OILOT_QTY}] \text{ Actual lot quantity}"))$
ZCONF_RATE_SP Conformity Rate (%) - Speciality Polymers	Hide (can be shown)	Calculated Key Figure	Formula Formula: $\text{NODIM}(\text{IF}("[\text{BW_RKF_CPQM04_0004}] \text{ Volume Accepted - Speciality Polymers}" == 0; 0; 100 * "[\text{BW_RKF_CPQM04_0004}] \text{ Volume Accepted - Speciality Polymers}" / \text{ABS}("[\text{BW_RKF_CPQM04_0003}] \text{ Volume Total - Speciality Polymers}"))$
ZCONF_RATE_PROX Conformity Rate (%) - Peroxid	Hide (can be shown)	Calculated Key Figure	Formula Formula: $\text{NODIM}(\text{IF}("[\text{BW_RKF_CPQM04_0005}] \text{ Volume Accepted - Peroxid}" == 0; 0; 100 * "[\text{BW_RKF_CPQM04_0005}] \text{ Volume Accepted - Peroxid}" / \text{ABS}("[\text{OILOT_QTY}] \text{ Actual lot quantity}"))$
ZCONF_RATE_SOLVAY_SPECIAL_CHEM Conformity Rate (%) - Solvay - Special Chem	Hide (can be shown)	Calculated Key Figure	Formula Formula: $\text{NODIM}(\text{IF}("[\text{BW_RKF_CPQM04_0006}] \text{ Volume Accepted - Solvay - Special Chem}" == 0; 0; 100 * "[\text{BW_RKF_CPQM04_0006}] \text{ Volume Accepted - Solvay - Special Chem}" / \text{ABS}("[\text{OILOT_QTY}] \text{ Actual lot quantity}"))$
ZCONF_RATE_SOLVAY_SODA_ASH Conformity Rate (%) - Solvay - Soda Ash	Hide (can be shown)	Calculated Key Figure	Formula Formula: $\text{NODIM}(\text{IF}("[\text{BW_RKF_CPQM04_0007}] \text{ Volume Accepted - Solvay - Soda Ash}" == 0; 0; 100 * "[\text{BW_RKF_CPQM04_0007}] \text{ Volume Accepted - Solvay - Soda Ash}" / \text{ABS}("[\text{OILOT_QTY}] \text{ Actual lot quantity}"))$
BW_RKF_CPQM04_0001 Volume Accepted - Solvay	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures [OILOT_QTY] Actual lot quantity ▼ [C_VCODE] Usage Decision Code [A0] A0 ▼ [0LOGSYS] Source System [V_0LOGSYS_0012] Source System SOLVAY legacy ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit [SP] SPECIALTY POLYMERS [PE] PEROXIDES
BW_RKF_CPQM04_0002 Volume Accepted - RCS	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures [OILOT_QTY] Actual lot quantity ▼ [C_VCODE] Usage Decision Code [A] A ▼ [0LOGSYS] Source System [V_0LOGSYS_0011] Source System RCS legacy ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit [PE] PEROXIDES

BW_RKF_CP QM04_0005 Volume Accepted - Peroxid	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures = [OILOT_QTY] Actual lot quantity ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit = [PE] PEROXIDES ▼ [C_VCODE] Usage Decision Code = [A4] A4
BW_RKF_CP QM04_0006 Volume Accepted - Solvay - Special Chem	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures = [OILOT_QTY] Actual lot quantity ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit = [CH] SPECIAL CHEM ▼ [C_VCODE] Usage Decision Code = [A] A ▼ [0LOGSYS] Source System [V_0LOGSYS_0012] Source System SOLVAY legacy
BW_RKF_CP QM04_0007 Volume Accepted - Solvay - Soda Ash	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures = [OILOT_QTY] Actual lot quantity ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit = [SD] SODA-ASH ▼ [C_VCODE] Usage Decision Code = [A] A ▼ [0LOGSYS] Source System [V_0LOGSYS_0012] Source System SOLVAY legacy
BW_RKF_CP QM04_0004 Volume Accepted - Speciality Polymers	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures = [OILOT_QTY] Actual lot quantity ▼ [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit = [SP] SPECIALTY POLYMERS ▼ [C_VALCLAS] Valuation class = [Z100] Z100 ▼ [0LOGSYS] Source System [V_0LOGSYS_0012] Source System SOLVAY legacy ▼ [C_VCODE] Usage Decision Code = [A0] A0

BW_RKF_CP QM04_0003 Volume Total - Speciality Polymers	Hide (can be shown)	Restricted Key Figure	Selection ▼ [1KYFNM] Key Figures = [0ILOT_QTY] Actual lot quantity ▼ [C_MATPNT2__CPFCTR1_2] BFC Global Business Unit = [SP] SPECIALTY POLYMERS ▼ [C_VALCLAS] Valuation class = [Z100] Z100 [0LOGSYS] Source System
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Characteristics

Location	Info-object Name	Info-object Text	Explanation (if needed)
Row	C_MATPNT2__CPFCTR1_2	BFC Gloabl Business Unit	Key / Text
Row	0LOGSYS	Source System	Do not display
Row	C_PLANT	Plant	Key / Text
Column	0CALMONTH	Calendar Year / Month	Key
Free	0CALDAY	Calendar Day	Key
Free	CINSP_LOT	Inspection Lot Number	Key
Free	C_BATCH2	Batch Number	Key
Free	C_CUSTID	Customer Number	Key
Free	C_MATNR2	Material	Key
Free	C_PUR_ORG	RCS / Purchase Organisation	Key
Free	C_SAL_ORG	Sales Organization	Key
Free	C_VCODE	Usage Decision Code	Key
Free	C_VENDID	Vendor Number	Key
Free	C_MATNR2__C_MAT_TYP	Material Type	Key
Free	C_VALCLAS	Valuation Class	Key

Cells

Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				