PIGMENTS DEPARTMENT MONTH OF Oct 1958

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_{n\ 47-49=100} = \frac{\sum p_n q_n}{\sum p_{Dec} q_n} \times P_{Dec\ 47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	PIGMENTS				
2	"Ti-Pure"				
3	Anatase	All grades	Lb.	S.P.	C/L Min. 20 To
4	Rutile	All grades	Lb.	S.P.	C/L Min. 20 To
5	Sample Total				
6	Product Total				
7	"Ti-Cal"				
8	Product Total	All grades except R-60	Lb.	S.P.	C/L Min. 20 To
9	Colors				
10	Product Total	(See subsidiary worksheet)			
11	Total Pigments				
12					
13	METALLICS				
14	Staurolite				
15	Product Total	All	Ton	S.P.	Bulk
16	Zircon				
17	Product Total	All	Ton	S.P.	Bulk
18	Silicon				
19	Grade 1	Hyperpure Silicon	Lb.	S.P.	All quantities
20	Grade 2	" "	Lb.	S.P.	All quantities
21	Grade 3	" "	Lb.	S.P.	All quantities
22	Solar Cell	Solar cell	Lb.	S.P.	All quantities
23	Sample Total				
24	Product Total				
25	Titanium Metal				
26	A-1	Sponge	Lb.	S.P.	Min. 100 lbs
27	A-2	Sponge (excl. fines & pellets)	Lb.	S.P.	Min. 100 lbs
28	Sample Total				
29	Product Total				
30	Total Metallics				
31					
32	Total Pigments Department (line 11 + 30)				
33					
34					
35	*Price relative computed on subsidiary work sheet (line 28)				
36					
37					
38					

	LINE	QUOTED PRICE OF SAMPLE ITEM: Current Month p_n Operating Department (1)	Preceding December p_{Dec} Operating Department (2)	Price Relative $\frac{p_n}{p_{Dec}}$ cols. (1)/(2) (3)	Current Quantity at Current Prices (numerator) $p_n q_n$ 129 sheet or sales tab. (4)	Current Quantity at December Prices (denominator) $p_{Dec} q_n$ cols. (4)/(3) (5)	Total Div. and Dept. Calculation: Link Relative $\frac{p_n q_n}{p_{Dec} q_n}$ cols. (4)/(5) (6)	Index: 47–49=100 Preceding December P_{Dec} 47–49=100 Economist's office (7)	Index: 47–49=100 Current Month P_n 47–49=100 cols. (6) x (7) (8)	LINE
	1									1
	2									2
a	3		25.50¢							3
a	4		27.50¢							4
	5									5
	6				4295.6 *					6
	7									7
a	8		9.375¢		142.6 *					8
	9									9
	10	*	*	94.90	1316.7 *	1387.5				10
	11			(Cum)	5754.9 (*)	5825.7	98.78	133.8	132.2	11
	12									12
	13									13
	14									14
	15		$4.83	101.04	23.8 *	23.6				15
	16									16
	17		$38.00	89.47	91.7 *	102.5				17
	18									18
	19		$360.00	91.81	248.0	271.2				19
	20		250.00	90.72	151.2	166.7				20
	21		160.00	81.25	8.9	10.9				21
	22		100.00	90.0	36.3	40.3	91.05			22
	23				445.3	489.1	~~90.80 est~~			23
	24				503.2 *	~~554.1e~~ 552.7				24
	25									25
	26	1.82	$2.25	80.89	333.7	412.5				26
	27	1.70	2.00	85.00	86.7	102.0				27
	28				420.4	514.5	81.71 ~~83.50 est~~			28
	29				447.7 *	~~537.6e~~ 534.2				29
	30			(Cum)	1067.4 (*)	~~1291.9e~~ 1273.0	86.95 ~~87.67e~~	51.7	~~45.3e~~ 45.0	30
	31									31
	32			(SD)	6818.3	~~7038.6e~~ 7048.7	96.73 ~~96.87e~~	105.7	~~104.4e~~ 102.2	32
	33									33
	34									34
	35	e=estimated								35
	36		Data received							36
	37		11/17/58							37
	38									38

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PIGMENTS — COLORS DEPARTMENT MONTH OF Oct 1958

MONTHLY WORKSHEET FOR CALCULATING LINK RELATIVES AND INDEXES USING THE FORMULA:

$$P_{n\ 47-49=100} = \frac{\sum p_n q_n}{\sum p_{Dec} q_n} \times P_{Dec\ 47-49=100}$$

LINE	DIVISION AND PRODUCT OR PRODUCT GROUP (129 SHEET OR SALES TABULATION CLASSIFICATION)	SPECIFICATIONS OF SAMPLE ITEM			
		SPECIFIC SAMPLE ITEM	UNIT	F.O.B.	PACKAGE OR ORDER SIZE
1	INORGANIC				
2	Molybdate orange (1)	Entire Group	Lb.	S.P.	Min. 250 lb.
3	Yellow and orange (2)(3)(14)	" "	Lb.	S.P.	" "
4	Zinc yellow (6)(15)	" "	Lb.	S.P.	" "
5	Sample Total (S and T)				
6	Section Total (S and T)				
7					
8	ORGANIC				
9	C.P.C. Green (18)(19)	GT 674 D	Lb.	S.P.	Barrel Quantiti
10	C.P.C. Blue (20)(21)	BT 284 D	"	"	" "
11	Pigment Green B (22)(23)	GT 646 D	"	"	" "
12	PTMA (24)(25)	RT 612 D	"	"	" "
13	Lithol Rubine & "Watchung" (30)(31)(32)(33)	RT 428 D	"	"	" "
14	Other BON (36)(37)	RT 525 D	"	"	" "
15	Pigment Scarlet (39)	RL 211 D	"	"	" "
16	Naphthanil Toner (40)	RT 539 D	"	"	" "
17	Naphthanil Lake (41)	RM 545 D	"	"	" "
18	Toluidine (44)(45)	RT 386 D	"	"	" "
19	Hansa Yellow (46)(47)	YT 445 D	"	"	" "
20	Benzidine Yellow (48)	YT 459 D	"	"	" "
21	Non Azo HS (52)(53)	BP 273 D 24%	"	"	" "
22		BP 242 D 76%	"	"	" "
23	Sub Total (52 + 53)	100%			
24	Azo (56)(57)	YT 562 D	"	"	" "
25	Sample Total (S and T)				
26	Section Total (S and T)				
27					
28	Total Colors				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					

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	LINE	QUOTED PRICE OF SAMPLE ITEM			CURRENT QUANTITY AT CURRENT PRICES (NUMERATOR)	CURRENT QUANTITY AT DECEMBER PRICES (DENOMINATOR)	TOTAL DIV. AND DEPT. CALCULATION			LINE
		CURRENT MONTH	PRECEDING DECEMBER	PRICE RELATIVE			LINK RELATIVE	INDEX: 47–49=100		
								PRECEDING DECEMBER	CURRENT MONTH	
		p_n	p_{Dec}	$\frac{p_n}{p_{Dec}}$	$p_n q_n$	$p_{Dec} q_n$	$\frac{p_n q_n}{p_{Dec} q_n}$	P_{Dec} 47–49=100	P_n 47–49=100	
		OPERATING DEPARTMENT	OPERATING DEPARTMENT	COLS. (1)/(2)	129 SHEET OR SALES TAB.	COLS. (4)/(3)	COLS. (4)/(5)	ECONOMIST'S OFFICE	COLS. (6) x (7)	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	1									1
	2		48.00¢							2
	3		35.00							3
	4		29.00							4
	5									5
	6				71x.3 *					6
	7									7
	8									8
les	9	3.35	3.95¢	84.81	218.3	257.4				9
	10	2.90	3.45	84.06	307.5	365.8				10
	11		1.35	107.41	18.9	17.6				11
	12		6.60		25.9					12
	13		1.90		182.5					13
	14		2.05		64.1					14
	15		1.75		7.6					15
	16		3.70	102.70	28.7	27.9				16
	17		.80		24.2					17
	18		1.70		75.8					18
	19		2.20		23.9					19
	20		2.20	104.55	20.1	19.2				20
	21		25.00							21
	22		11.70							22
	23				52.8					23
	24		5.50		46.8					24
	25				1,097.1	1191.5	92.08			25
	26				1,187.0 *	1x89.0				26
	27									27
	28				1,899.3 (*)	2001.3	94.90	–Use on line 10		28
	29							of worksheet		29
	30							for entire Dept.		30
	31									31
	32									32
	33									33
	34									34
	35									35
	36									36
	37									37
	38									38

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