

R&D DIVISION

1983 PROPOSED

COST IMPROVEMENT FORECAST (\$M)

COLORED PIGMENTS

NEWPORT

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PRODUCT GROUP	FIRM FORECAST						COAL FORECAST						COAL FORECAST				
	1983					1984	1983					1984	1984	1985	1986	1987	LONG
	1Q	2Q	3Q	4Q	YEAR	C.O.	1Q	2Q	3Q	4Q	YEAR	C.O.	NEW				RANGE
COPPER PHTHALOCYANINES																	
2402 CPC - COST REDUCTION	65	65	65	65	260	0	5	5	5	5	20	0	225	440	230	295	0
2492 E CPC - ENERGY	20	20	20	20	80	0	25	25	25	25	100	0	145	0	260	110	0
SUBTOTAL	85	85	85	85	340	0	30	30	30	30	120	0	370	440	490	405	0
QUINACRIDONES																	
2202 QA - COST REDUCTION	95	95	95	95	380	0	131	131	131	132	525	0	325	160	365	500	0
2291 E QA - ENERGY	37	38	37	38	150	0	22	23	22	23	90	0	290	160	395	490	0
SUBTOTAL	132	133	132	133	530	0	153	154	153	155	615	0	615	320	760	990	0
TOTAL	217	218	217	218	870	0	183	184	183	185	735	0	985	760	1250	1395	0

N 26937

'E' BETWEEN A PROGRAM NUMBER AND A PROGRAM TITLE INDICATES THAT AN ENERGY BENEFIT IS EXPECTED

PRELIMINARY ANNUAL PLAN

1983 EXPENSES AND MANPOWER MAY NOT HAVE BEEN
DECOMPOSED WITH THE CORRESPONDING DIRECT