

NOVAPON

SOLVENT SOLUBLE METAL COMPLEX DYES

- For printing ink, paint industries, leather and other special applications

5%



1%



NOVAPON • YELLOW 2 GLS

5%



1%



NOVAPON • YELLOW R



NOVAPON • YELLOW 2R



NOVAPON • YELLOW 2 RLS



NOVAPON • ORANGE G



NOVAPON • ORANGE R



NOVAPON • ORANGE RE



NOVAPON • ORANGE RL



NOVAPON • ORANGE RLSE



NOVAPON • RED FIRE G



NOVAPON • RED FIRE GLS



NOVAPON • RED R



NOVAPON • RED G



NOVAPON • RED 3 GLS

Illustration: 1% and 5% of dye in a solution of NC - maleic resin - at approx. 3 gr/m² on PES metallized foil by gravure method.

SOLVENT SOLUBLE METAL COMPLEX DYES

TECHNICAL DATA

	SOLUBILITIES gr/l At room temperature without any significant residue													LIGHT FASTNESS blue standard scale 5% dye solution	ALKALI- ACID FASTNESS 1% solution of	HEAT FASTNESS		
	ETHANOL	N-BUTANOL	DIACETONE ALCOHOL	ISOPROPYL ALCOHOL	METOXYPROPANOL	BUTYL CELLOSOLVE	ETHYL ACETATE	MEK	MIBK	ACETONE	CYCLOEXANONE	ETHANOL : TOLENE : ETHYL ACETATE = 60:30:10	ETHANOL : ETHYL ACETATE = 50:50					
NOVAPON YELLOW 2 GLS	380	200	350	30	285	250	160	380	140	400	320	580	580	6-7	7	good	good	good
NOVAPON YELLOW R	150	80	370	10	320	350	80	400	80	400	380	220	200	5-6	6-7	good	good	good
NOVAPON YELLOW 2R	50	20	100	10	220	150	20	230	30	90	120	90	100	5	6-7	good	good	good
NOVAPON YELLOW 2 RLS	60	10	50	10	150	90	10	70	10	70	20	70	20	6	6-7	good	good	good
NOVAPON ORANGE G	300	100	450	10	300	10	200	290	450	450	500	500	320	5-6	6-7	good	good	good
NOVAPON ORANGE R	80	40	300	50	200	150	30	220	90	320	370	180	170	5-6	6	good	good	good
NOVAPON ORANGE RE	300	480	500	480	300	10	150	480	480	500	480	480	500	6-7	7	good	good	good
NOVAPON ORANGE RL	120	150	400	150	520	320	80	200	60	250	220	180	150	6	6-7	good	good	good
NOVAPON ORANGE RLSE	40	10	200	40	200	80	20	180	70	160	450	70	150	7	7-8	good	good	good
NOVAPON RED FIRE G	100	50	480	10	280	50	10	380	100	250	320	280	150	6-7	7	good	good	good
NOVAPON RED FIRE GLS	10	90	480	10	280	10	80	280	10	480	480	10	10	5-6	6	good	good	good
NOVAPON RED R	420	300	280	150	350	500	300	360	300	250	400	400	300	5-6	6-7	good	good	good
NOVAPON RED G	650	10	300	10	650	300	10	650	10	300	500	500	800	7	7	good	good	good
NOVAPON RED 3 GLS	10	90	480	10	280	10	80	280	10	480	480	10	10	5-6	6	good	good	good

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NOVAPON • RED B

5%



1%



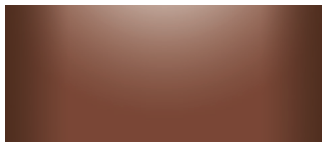
NOVAPON • RED 3 BLS



NOVAPON • RED 2 BLSE



NOVAPON • PINK 5 BLG



NOVAPON • BROWN 2RL



NOVAPON • VIOLET BL



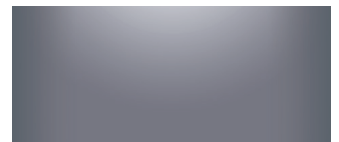
NOVAPON • BLUE GLN



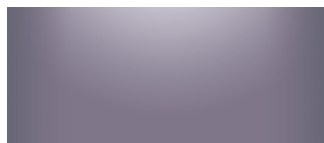
NOVAPON • BLUE RS



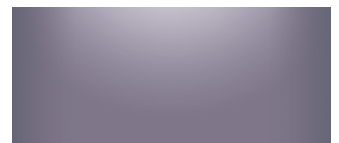
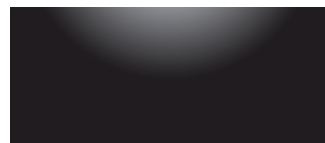
NOVAPON • GREEN G 75



NOVAPON • BLACK RE



NOVAPON • BLACK RL



NOVAPON • BLACK RLSE

Illustration: 1% and 5% of dye in a solution of NC - maleic resin - at approx. 3 gr/m² on PES metallized foil by gravure method.

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NOVAPON RED B	200	160	420	120	280	220	280	330	180	320	230	220	280	5-6	6-7	good	good	good
NOVAPON RED 3 BLS	120	70	150	10	170	220	10	200	120	220	220	160	160	6	6-7	good	good	good
NOVAPON RED 2 BLSE	180	30	400	30	230	280	20	220	10	90	200	50	150	6	7	good	good	good
NOVAPON PINK 5 BLG	200	200	150	30	200	10	10	10	10	10	230	300	180	4	4-5	good	good	good
NOVAPON BROWN 2 RL	80	10	200	5	200	100	25	200	200	100	150	200	150	6-7	7	good	good	good
NOVAPON VIOLET BL	180	310	260	150	290	8	8	115	185	185	300	350	160	4-5	5-6	good	good	good
NOVAPON BLUE GLN	200	500	480	380	500	10	10	300	480	480	480	500	480	5-6	6	good	good	good
NOVAPON BLUE RS	180	430	420	315	435	9	9	245	400	400	430	455	420	5-6	5-6	good	good	good
NOVAPON GREEN G 75	210	270	530	185	390	175	45	330	265	420	410	340	320	5-6	6-7	good	good	good
NOVAPON BLACK RE	90	100	200	10	200	200	50	270	130	250	170	180	230	6	6-7	good	good	good
NOVAPON BLACK RL	70	60	250	10	200	400	10	200	250	200	300	200	100	5-6	6	good	good	good
NOVAPON BLACK RLSE	150	80	250	10	260	250	20	250	140	180	200	160	210	6	6	good	good	good

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