

## ORCOPERM™ OR Organic Pigment Powders

Shade	Pigment Index Name	OrcoPerm™ OR	pH 10% Aqueous	Specific Gravity	Light Fastness (1-8)	Heat Stability	FDA Approved	Application
	Yellow 1	Yellow G	6-7	1.6	4-6	284/140		I, C
	Yellow 3	Yellow GR	5-6.5	1.45	5-7	280/138		I, C
	Yellow 12	Yellow D	5.5-7	1.4	2-4	390/199		I, C
	Yellow 13	Yellow GR-W	5-7.5	1.3-1.5	3-7	350-390 / 177-199		I, C
	Yellow 14	Yellow 2GN	5-7.5	1.34-1.38	3-5	390/199		I, C, P
	Yellow 17	Yellow 3GN	5-7.5	1.43	4-7	390/199		I, C
	Yellow 62	Fast Yellow WSR	6-8	1.6	6-7	500/260		I, C
	Yellow 65	Yellow RNC	5.5-8	1.4	7-8	280/138		C
	Yellow 73	Fast Yellow 4GX	6-7.5	1.49	5-7	280/138		C
	Yellow 74	Yellow 5GX	5.5-7.5	1.4-1.48	6-8	200-280 / 93-138		I, C
	Yellow 83	Golden Yellow RN	5.5-7.5	1.4-1.48	7-8D	390/199		I, C, P
	Yellow 93	Yellow GG	5.5-8.5	1.60	7-8	392-536 / 200-280		I, P
	Yellow 97	Yellow FGL	6.5-8.5	1.40	5-8	350/177		I, C
	Yellow 110	Yellow 2RLP	5-7.5	1.80	7-8	390-570 / 199-299	✓	I, C, P
	Yellow 138	Fast Yellow 138	5-7	1.80	7-8	570/299	✓	P
	Yellow 139	Yellow 2RF	5-7.5	1.60-1.70	7-8	390-500 / 199-260		I, C, P
	Yellow 150	Yellow 4GY	5.5-7.5	1.75	8	390-570 / 199-299		P
	Yellow 151	Yellow H4G	5-7.5	1.47	6-8	390-500 / 199-260		I, C
	Yellow 152	Yellow H2G	5.5-8	1.40	4-5	300/199		C
	Yellow 154	Yellow H3G	5.5-7.5	1.60	8	320/160		I, C
	Yellow 155	Yellow 4GP	5-7	1.40-1.45	7-8	320-500 / 160-260		I, C, P
	Yellow 168	Yellow WGP	7-9	1.68	7	500/260		P

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	Yellow 180	Yellow HG	5.5-8.0	1.40-1.45	6-7	550-570 / 288-299	✓	I, P
	Yellow 181	Yellow H2GS	5-7.5	1.45	8	540-570 / 282-299	✓	I, C, P
	Yellow 183	Yellow H3GS	5-7.5	1.80	5-8	570/299	✓	C, P
	Yellow 191	Fast Yellow HGR	5-7.5	1.70	6-7	570/299	✓	P
	Yellow 194	Yellow F2G	5.5-7.5	1.45	7-8	390/199		I, C, P
	Orange 5	Fast Orange RN	4-7.5	1.51	5-6D	280-320 / 138-160		I, C
	Orange 13	Fast Orange GR	5-6.5	1.30	3-6	350-390 / 177-199		I, C, P
	Orange 16	Fast Orange G	6-7.5	1.30	2-5	275-340 / 135-171		I, C, P
	Orange 34	Fast Orange LDC	5.5-7	1.33	4-6D	300-390 / 149-199		I, C, P
	Orange 36	Orange HL	9.5	1.63	7-8	320-500 / 160-260		I, C, P
	Orange 43	Orange GRL	6-7	1.50	5-7D	390-590 / 199-310		C, P
	Orange 64	Orange GL	5.5-7.5	1.60	6-7	390-535 / 199-279	✓	C, P
	Orange 67	Orange L	5.5-7.5	1.75	7	390/199		C, P
	Orange 73	Orange RA	5.5-7.5	1.35	7-8	390-570 / 199-299		I, C, P
	Red 2	Red F2R	6-7.5	1.42	4-5	275/135		I
	Red 3	Red FBN	5-6.5	1.40-1.44	3-7	350/177		I, C
	Red 5	Carmin FBX	5-7.5	1.50	5-6	300-320 / 149-160		I, C
	Red 22	Fast Red RT	5.5-7.5	1.40	4-5	280-320 / 138-160		I
	Red 38	Red BB	5-7	1.40	4-7	390/199		I, P
	Red 48:1	Red RT	6-9	1.65-1.70	3-4	350-475 / 177-246		I, C, P
	Red 48:2	Red 2BP	6-7.5	1.65	4-7	375-460 / 190-238		I, C, P
	Red 48:3	Red 3RL	5.5-7.5	1.65-1.68	4-5	375-460 / 190-238		I, C, P

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	Red 49:1	Red LB	5.5-7.5	1.50	2-4	260/127		I, C
	Red 49:2	Lithol Red RB	5-7	1.60	2-5	260/127		I, C
	Red 52:2	Maroon CM	5-7.5	1.80	3-5	460/238		C
	Red 53:1	Red Lake C	5.5-7.5	1.70-1.85	2-3	350-475 / 177-246		I, P
	Red 57:1	Rubine 4BP	5.5-9	1.56-1.62	4-6	325-500 / 163-260		I, P
	Red 60:1	Red AZ	5-6.5	1.87	3-4	500/260		P
	Red 81:5	Pink GS	6-8	1.70	2-4	250/121		I
	Red 112	Red FGR	5.5-7	1.48	6-8	350/177		I, C
	Red 122	Magenta LDN	6-8.5	1.45	6-8	320-570 / 160-299		I, C, P
	Red 123	Scarlet LDN	5-7	1.48	5-7	320/160		I, C
	Red 144	Fast Red 3B	5.5-7.5	1.50	7-8	570/299		I, C, P
	Red 146	Carmine FBB	5-6.5	1.35	4-5D	350-390 / 177-199		I, C
	Red 149	Fast Red B	6-7.5	1.37	6-8	430-560 / 221-293		I, C, P
	Red 166	Scarlet R	6-7.5	1.48	7-8	390-570 / 199-299		I, C, P
	Red 170	Fast Red FRK	6-8	1.32-1.40	5-8	320-480 / 160-249		I, C, P
	Red 176	Carmine HFC	6-7.5	1.41	5-7	350-520 / 177-271		I, C, P
	Red 177	Red AB	5.5-7.5	1.45	6-8	390-500 / 199-260		C, P
	Red 179	Maroon PGL	5-7.5	1.60	7-8	390-570 / 199-299		C, P
	Red 184	Rubine FB	5-6.5	1.40	4-6	320-350 / 160-177		I, C
	Red 188	Red HFS	5-7.5	1.34	5-7D	350-390 / 177-199		I, C, P
	Red 208	Red HFB	5-7	1.40	6-7	390-460 / 199-238		I, C, P
	Red 238	Carmine F5B	5.5-7.5	1.50	3-5	-		I

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	Red 242	Scarlet 4RF	6-7.5	1.60	7-8	392-572 / 200-300		I, C, P
	Red 254	DPP Red DB	6.5-9	1.58	8	390-570 / 199-299	✓	I, C, P
	Red 269	Naphthol Red PT	6-7.5	1.50	4-5	300/149		I
	Red 272	Flame Red FP	5.5-7.5	1.40	7-8	390-570 / 199-299		I, C, P
	Violet 3	Violet PV	5.5-7.5	1.80	2-3D	300/149		I
	Violet 3:1	Violet SMA	6-8	1.86	2-3	300/149		I
	Violet 19	Pink LBN	6.5-8.5	1.48-1.50	6-8D	330-570 / 166-299	✓	I, C, P
	Violet 23	Violet 4BN	5-7	1.48	6-8	320-535 / 160-279		I, C, P
	Violet 27	Violet D	5-7	1.60	1-3	240/116		I
	Violet 29	Fast Bordeaux B	5-6	1.60	7-8	390-570 / 199-299	✓	C, P
	Blue 15:0	Blue BL	6.5-8	1.65	8	300-390 / 149-199	✓	I, C, P
	Blue 15:1	Blue 2GN	6-8	1.61-1.63	8	390-535 / 199-279	✓	I, C, P
	Blue 15:2	Blue AFR	6-8	1.55-1.65	8	345-500 / 174-260	✓	C
	Blue 15:3	Blue 3GN	5-8	1.60-1.65	8	302-554 / 150-290	✓	I, C, P
	Blue 15:4	Blue BFS	5.5-7.5	1.52-1.65	8	390-500 / 199-260	✓	I, C
	Blue 60	Blue A3R	6-8	1.50	7-8	392/200		C, P
	Blue 79	Blue CTC	7-8	1.60	6-7	350/177		I
	Green 7	Green YN	5.5-8	2.00	8	350-500 / 177-260	✓	I, C, P
	Green 7	Green BN	5.5-8	2.00-2.10	8	390-500 / 199-260	✓	I, C, P
	Green 36	Cyanine Green 8G	5.5-8	2.15-2.20	8	390-500 / 199-260		I, C, P

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Actual pigment samples must be evaluated in a laboratory on medium to be dyed in production for accurate shade and physical property results. Shades shown on print material and computer monitors are for general reference only as they are inherently inaccurate due to calibration variations and technical limitations of monitors and printers.