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CLASS 8400

Red iron oxides, natural and synthetic, not subclassified

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RED IRON OXIDES

A. Pigments

Number	Name	Fe ₂ O ₃ % Std.	Oil Abs. SW 419.1	Bulk G/100#
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Synthetic Red Oxides, High Iron

8420	Red Oxide, R1599	98.5	24	2.33
8418	Red Oxide, R3098	98.5	21	2.33
84A9	Red Oxide, R3098(Intermix)	98.5	21	2.33
84A12	Red Oxide, R3200	98.5	21	2.33
84Y11	Kroma Red, R0-3097	97.0	22	2.50
84A11	Red Oxide, R4098	98.5	19	2.33
8425	Mapico Red, #516 Medium	98.0	50	2.66
84D4	Mapico Red, #110	98.0	21	2.38
8428	Red Oxide, R5098	98.5	17	2.33
84L3	Mapico Red, #516 Dark	98.0	33	2.66
84L2	Red Oxide, R6098	98.5	16	2.33
84A10	Kroma Red, R0-6097	95.0	21	2.50
8406	Red Oxide, R8098	98.5	13	2.33
8407	Red Oxide, R8098(Intermix)	98.5	13	2.33
8430	Mapico Crimson #98	98.0	56	2.62
84D6	Mapico Crimson #98(Intermix)	98.0	56	2.62
84A8	Mapico Crimson #108	98.0	56	2.67
84N4	Kroma Red, R0-8097	95.0	21	2.50
84C5	Red Oxide, R9098	98.5	17	2.33

Synthetic Red Oxides, Medium Iron and Low Iron

8401	Red Oxide C1020	87	14	2.51
8402	Red Oxide C1027	85	15	2.50
84M2	Red Oxide C1035	89	13	2.48
8403	Red Oxide C1548	85	11	2.56
8405	Red Oxide, Dark Indian	90	19	2.47
8470	Venetian Red, Light	40	23	3.12
84M1	Venetian Red, 1183	40	21	3.30

Natural Red Oxides

8444	Red Oxide, NR4284	83	17	2.64
8448	Maroon Oxide, Light 8390	87	14	2.45
84L6	Purple Oxide, 500C	90	19	2.47
84Y12	Red Oxide 1093	93		2.67
84Y13	Spanish Red Oxide #510	89		

0007-PMC-000000421

RED IRON OXIDES (Con't.)

B. Dispersions, Purchased

Number	Name	% Pig.	%	Resin	NVM%	Bulk	#/G
84A7	Pliolite 7CS5	60	40	S5	100	5.75	
84F2	RBH AN-C638-E90			CAB		5.38	

Remarks

PURE SYNTHETIC RED OXIDES are produced by the thermal decomposition of iron sulfate or by precipitating iron hydrate and converting by controlled calcination.

The pure oxides have clear mass color and sharp clean tints. They wet easily, are chemically inert and non-fading, and are unaffected by ordinary baking temperatures.

They are used wherever a low-cost, high-covering pigment is desired.

SYNTHETIC RED OXIDES from Minnesota Mining contain approximately 10-15% of inert of silica type which is not separated when the ore is initially converted to iron sulfates.

NATURAL RED OXIDES produced from selected iron ores are not as bright or strong as the pure synthetic oxides, but find wide application due to low cost.

PERSIAN GULF OXIDE is a red oxide manufactured from red hematite ores from that area.

VENETIAN REDS are calcium sulfate base iron oxide pigments produced by roasting a mixture of iron sulfate and hydrated calcium oxide, resulting in a simultaneous formation of red iron oxide and anhydrous calcium sulfate.

These pigments have a soft texture and are easily wet.