

Cinquasia®
Maroon

RT-792-D


PIGMENTS

CINQUASIA® MAROON

RT-792-D

C. I. PIGMENT RED 206

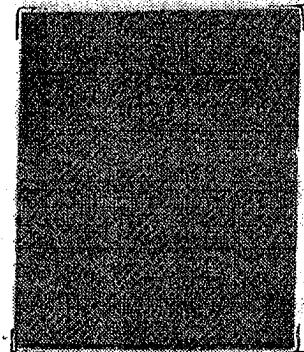
INTRODUCTION

Cinquasia® Maroon RT-792-D is a very transparent yellow shade maroon particularly well suited for copper-bronze metallic finishes. Like other quinacridone products, it possesses the durability and chemical resistance required for use in automotive finishes.

APPLICATION

Cinquasia® Maroon RT-792-D is widely used in original equipment and refinish systems in combination with aluminum and transparent red and yellow iron oxides to produce colors ranging from deep russet maroons to light red shade golds.

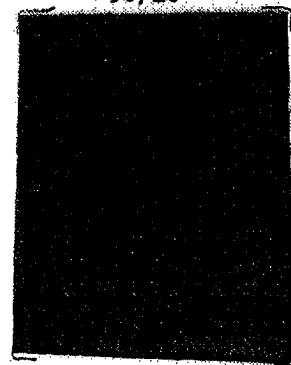
In addition to unique color and transparency, Cinquasia® Maroon RT-792-D also offers excellent flocculation resistance. Because of these attributes, RT-792-D is often combined with transparent iron oxides to compensate for their questionable flocculation resistance, increase their color intensity and enhance their two-tone or "Flip-Flop" effect.



RT-792-D/Ti-Pure R-960
5/95



RT-792-D/Aluminum
90/10



RT-792-D/Aluminum
50/50

TYPICAL PROPERTIES OF CINQUASIA® MAROON RT-792-D

<u>Color</u>	Dark Yellow Shade Maroon
<u>Form</u>	Dry Powder
<u>Specific Gravity</u>	1.45
<u>Bulking Value</u>	0.694 liters/kg (0.083 gal./lb.)
<u>pH</u>	8.0 - 9.0
<u>Oil Absorption</u>	39.0
<u>Moisture Content</u>	1.5%

DURABILITY

Cinquasia® Maroon RT-792-D offers very good durability in dark and medium metallic finishes. However, when aluminum content approaches or exceeds 50% of total pigmentation, it is advisable to fortify the system with either red or yellow transparent iron oxides. Transparent iron oxides are suggested since they are the only pigments in the RT-792-D hue range that possess better color retention.

THERMOSETTING ACRYLIC PAINT
5°S FLORIDA - BLACK BOX

	<u>Metallic - RT-792-D/Al.</u>		<u>Tint - RT-792-D/Ti-Pure® R-960</u>
	<u>90/10</u>	<u>50/50</u>	<u>5/95</u>
6 Months	9.0F	8.0F	8F
12 Months	8.0F	7.0F	7F
18 Months	7.0F	4.0F	5F

On basis of 10-0 scale where 10 = no change, 8 = slight change, 6 = considerable change, 0 = complete color loss, F = fade, D = darken.

HEAT RESISTANCE

Cinquasia® Maroon RT-792-D is considered to have excellent heat stability and oven bake resistance and should be satisfactory in most commonly used baking vehicles and baking cycles.

DISPERSION

Cinquasia® Maroon RT-792-D is best dispersed by either ball mill, attritor mill or two roll chip dispersion for maximum transparency and tinting strength. Suggested pigment to binder ratios for grinding by three various dispersion techniques are:

	<u>Suggested Starting Point P/B Ratios</u>
Ball Mill	0.6 - 0.9
Attritor Mill	0.7 - 1.0
2 Roll Mill	50/50 (Binder is 90% Vehicle + 10% Plasticizer)

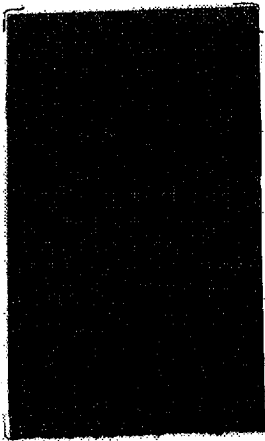
OTHER PERFORMANCE PROPERTIES

	<u>Rating</u>
Bleed Resistance - Overstripe	5
Humidity Resistance*- Masstone (TSA)	4
Chemical Resistance	5
Fastness to Solvents	5

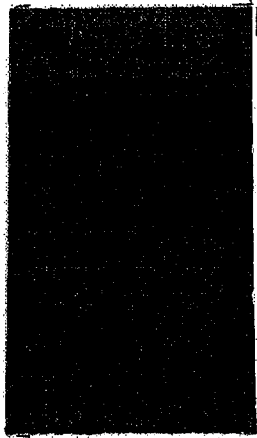
On basis of 1-5 scale where 1 is poor and 5 is excellent.

SUGGESTED COLOR BLENDS

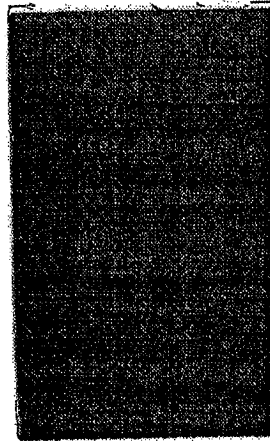
Cinquasia® Maroon RT-792-D can be used to formulate a variety of metallic colors. The following exhibits (thermosetting acrylic paint) demonstrate the color of various blends of RT-792-D with transparent red iron oxide and aluminum as well as the use of RT-792-D in formulas approximating actual colors originally styled with Cinquasia® Maroon RT-792-D.



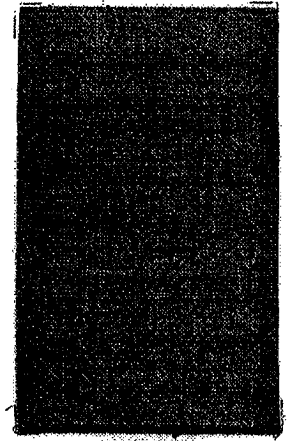
RT-792-D/Trans.
RIO/Al
40/40/20



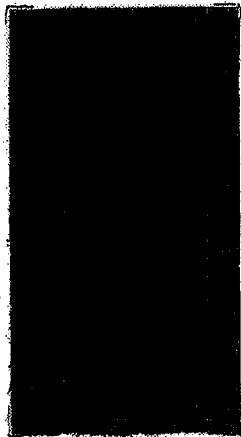
RT-792-D/Trans.
RIO/Al
10/70/20



RT-792-D/Trans.
RIO/Al
30/30/40



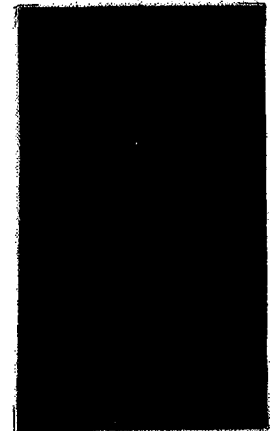
RT-792-D/Trans.
RIO/Al
30/30/40
10/50/40



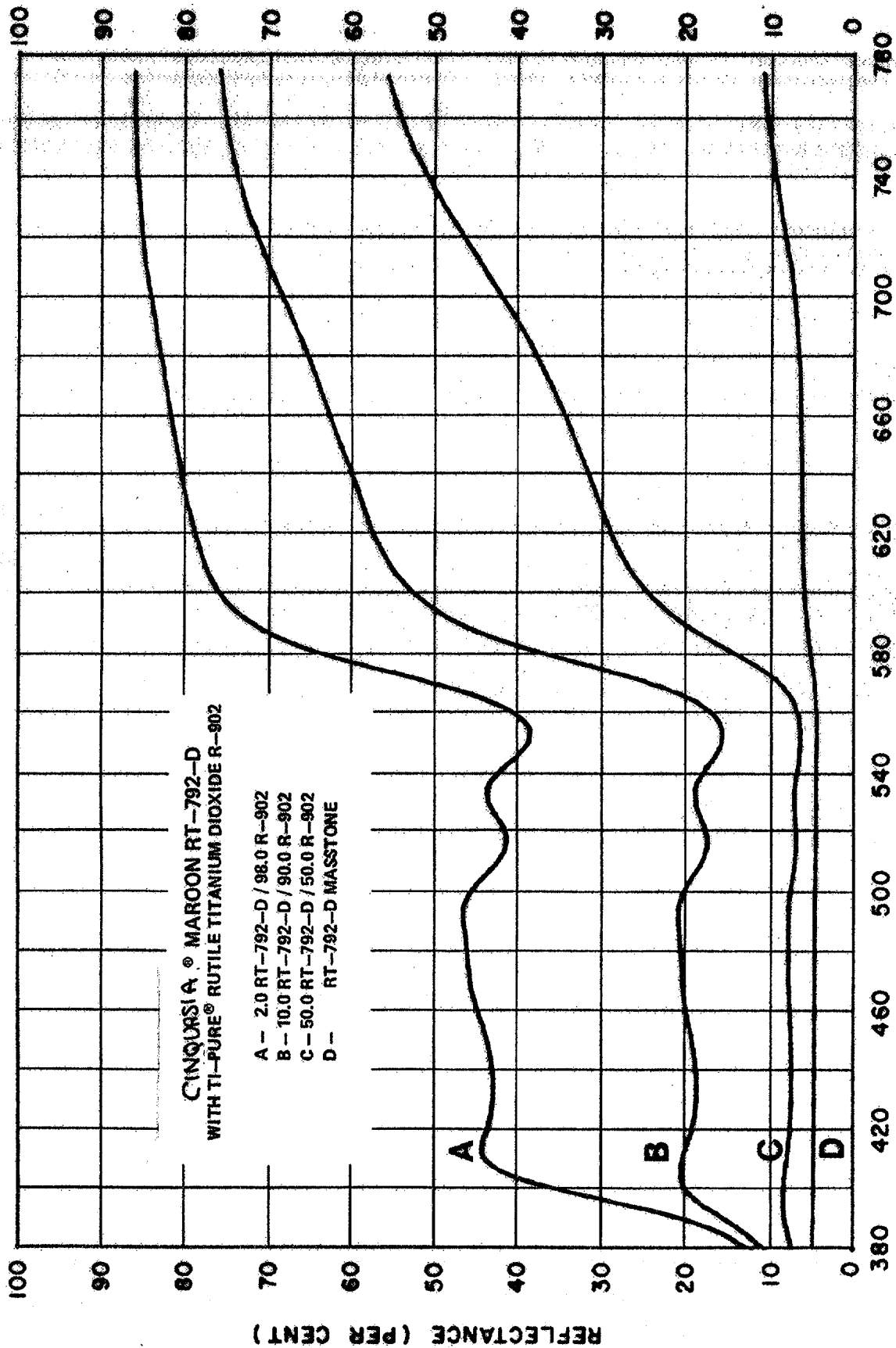
RT-792-D 69.5
Opaque R.I.O. 2.9
A-148-D Carbon Black 2.9
Aluminum 24.7



RT-792-D 75.0
Ti-Pure R-960 1.2
A-148-D Carbon Black 0.5
Aluminum 23.3



RT-792-D 67.1
Moly Orange YE-698-D 22.6
Cinquasia® Violet R 5.3
RT-887-D 5.0
Aluminum



WAVELENGTH (NANOMETERS)

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Printed in U.S.A.

DUP050071117