



1646 West Hwy. 160. # 8198
Fort Mill, SC 29708-2831
920-246-6180

LABORATORY REPORT

SCOPE: Provide a color match for the Olive Green part provided

RESULTS: Parts were processed as follows:

Dyeing Conditions 6061

Techevon Olive Drab	0.8 g/l
Techevon Brown GL	0.2 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	140 F
Time	5 min

Dyeing Conditions 7075

Techevon Olive Drab	0.9 g/l
Techevon Brown GL	0.1 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	100 F
Time	8 min

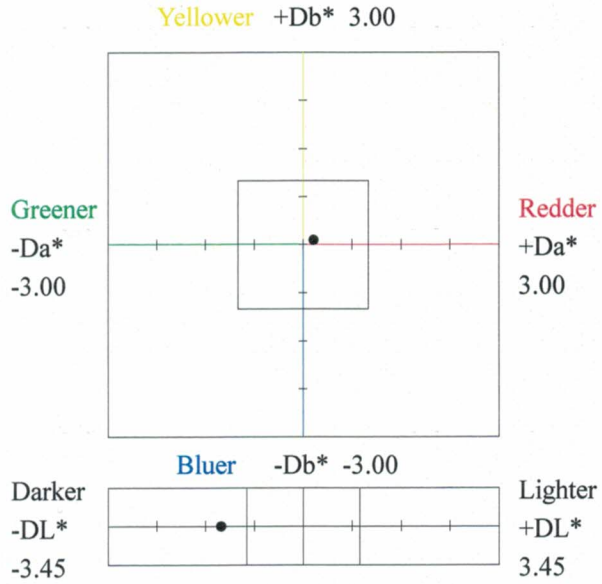
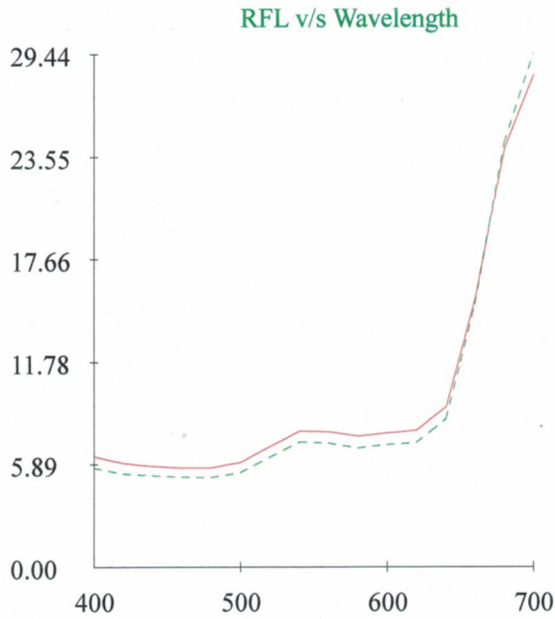


6061



7075

COLOR DIFFERENCE REPORT



— Standard : OD/GL 80/20 1G/L 140F 5 MIN - 17/12/2018
 --- Batch : 7075 OD/GL 90/10 1G/L 100F 7 M - 17/12/2

	<u>STANDARD</u>	<u>BATCH</u>	<u>DIFFERENCE</u>	
L* =	32.703	31.254	DL* = -1.449	Darker
a* =	2.885	3.045	Da* = 0.160	Redder
b* =	6.662	6.734	Db* = 0.072	Yellower
C* =	7.260	7.390	DC* = 0.131	Brighter
H* =	66.558	65.642	DH* = -0.117	
			dE* = 1.460	

AS IS COLOR DIFFERENCE

Observer : 10 Degree

Mode : Reflectance

Colorspace : CIELAB(1976)

Spectro : 3100

Illuminant : D65



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920-246-6180

LABORATORY REPORT

SCOPE: Provide a color match for the Scorched Earth part provided

RESULTS: Parts were processed as follows:

Dyeing Conditions 6061

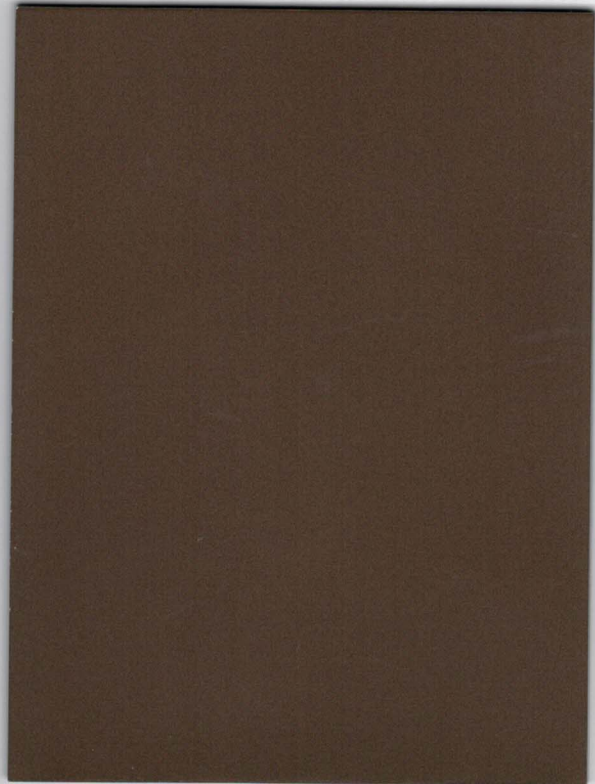
Techevon Olive Drab	0.1 g/l
Techevon Brown GL	0.9 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	140 F
Time	5 min

Dyeing Conditions 7075

Techevon Olive Drab	0.3 g/l
Techevon Brown GL	0.7 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	100 F
Time	4 min

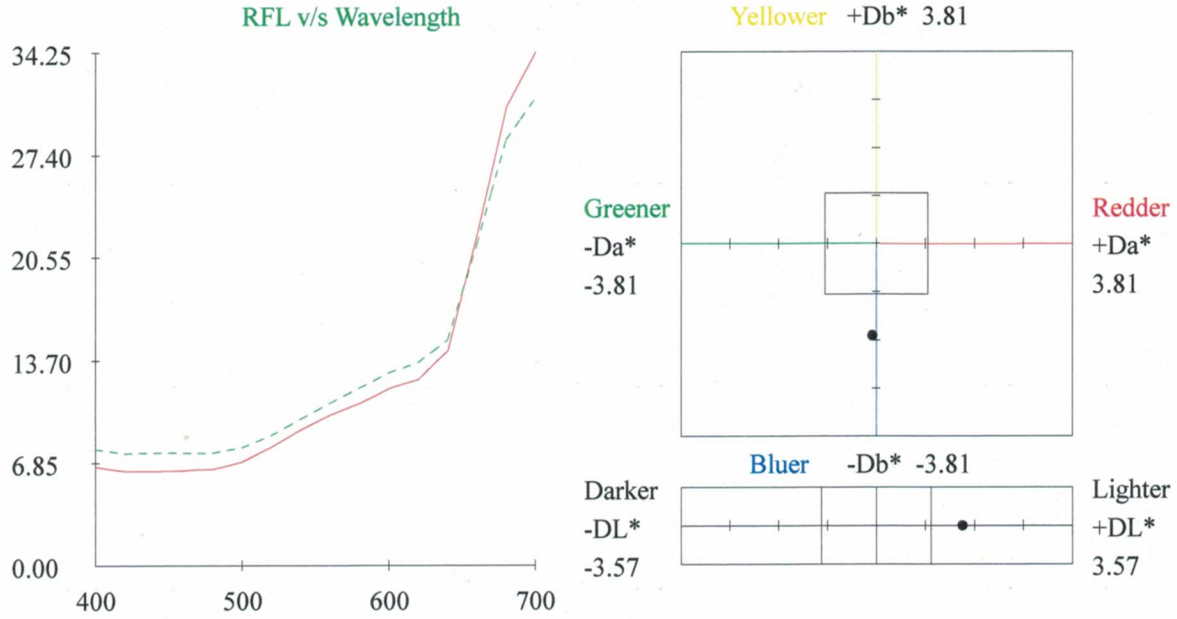


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7075

COLOR DIFFERENCE REPORT



— Standard : 7075 GL/OD 70/30 1 G/L 4M 100 F - 17/12/
 --- Batch : 6061 GL/OD 90/10 1 G/L 5M 140 F - 17/12/

	<u>STANDARD</u>	<u>BATCH</u>	<u>DIFFERENCE</u>	
L* =	37.240	38.807	DL* = 1.567	Lighter
a* =	7.963	7.889	Da* = -0.074	Less Red
b* =	11.915	10.108	Db* = -1.807	Less Yellow
C* =	14.331	12.822	DC* = -1.509	Duller
H* =	56.222	52.008	DH* = -0.997	
			dE* = 2.393	

AS IS COLOR DIFFERENCE

Observer : 10 Degree

Colorspace : CIELAB(1976)

Illuminant : D65

Mode : Reflectance

Spectro : 3100

Judgement : **FAIL**



1646 West Hwy. 160. # 8198
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LABORATORY REPORT

SCOPE: Provide a color match for the Desert Tan part provided

RESULTS: Parts were processed as follows:

Dyeing Conditions 6061

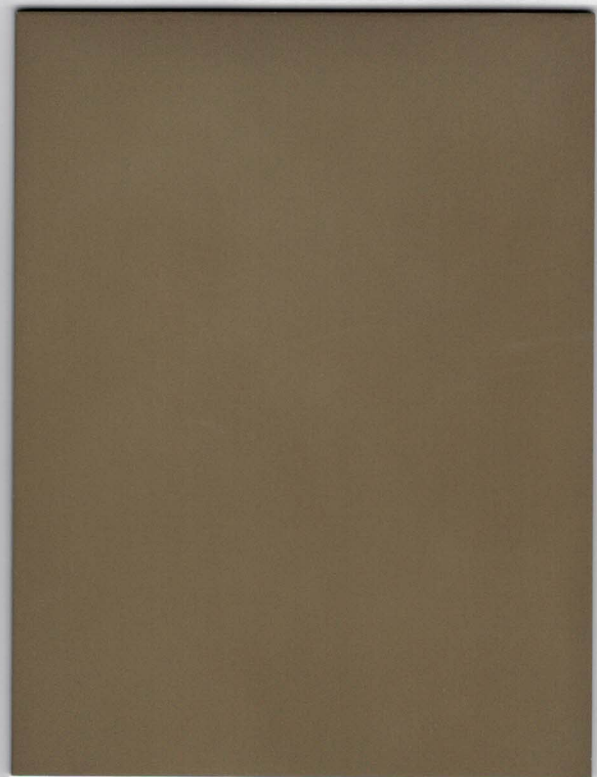
Techevon Brown GL	0.6 g/l
Techevon Yellow 4A	0.4 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	120 F
Time	4 min

Dyeing Conditions 7075

Techevon Grey TNL	0.6 g/l
Techevon Orange GN	0.4 g/l
Sodium Acetate	2.0 g/l
pH	5.5
Temperature	100 F
Time	4 min

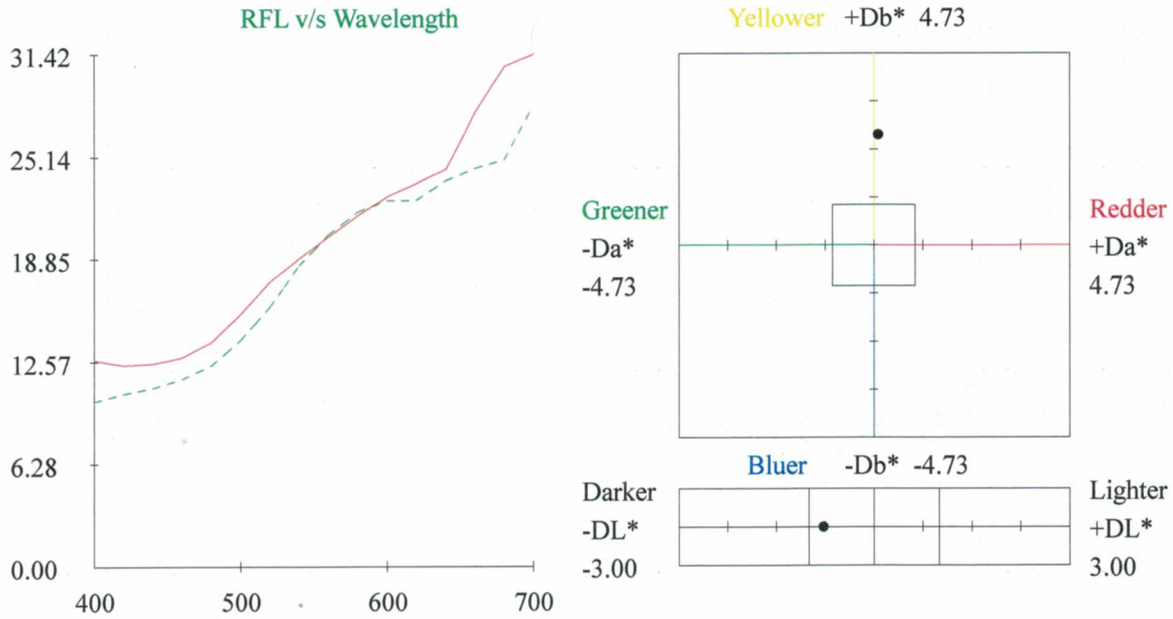


6061



7075

COLOR DIFFERENCE REPORT



Standard : GL/4A 60/40 0.1 G/L 4 MIN 6061 - 17/12/

Batch : TNL/GN 70/30 0.1 G/L 4 MIN - 17/12/2018

	<u>STANDARD</u>	<u>BATCH</u>	<u>DIFFERENCE</u>	
L* =	51.142	50.364	DL* = -0.778	Darker
a* =	4.302	4.407	Da* = 0.105	Redder
b* =	14.551	17.283	Db* = 2.732	Yellower
C* =	15.174	17.836	DC* = 2.662	Brighter
H* =	73.500	75.665	DH* = 0.622	
			dE* = 2.843	

AS IS COLOR DIFFERENCE

Observer : 10 Degree

Colorspace : CIELAB(1976)

Illuminant : D65

Mode : Reflectance

Spectro : 3100