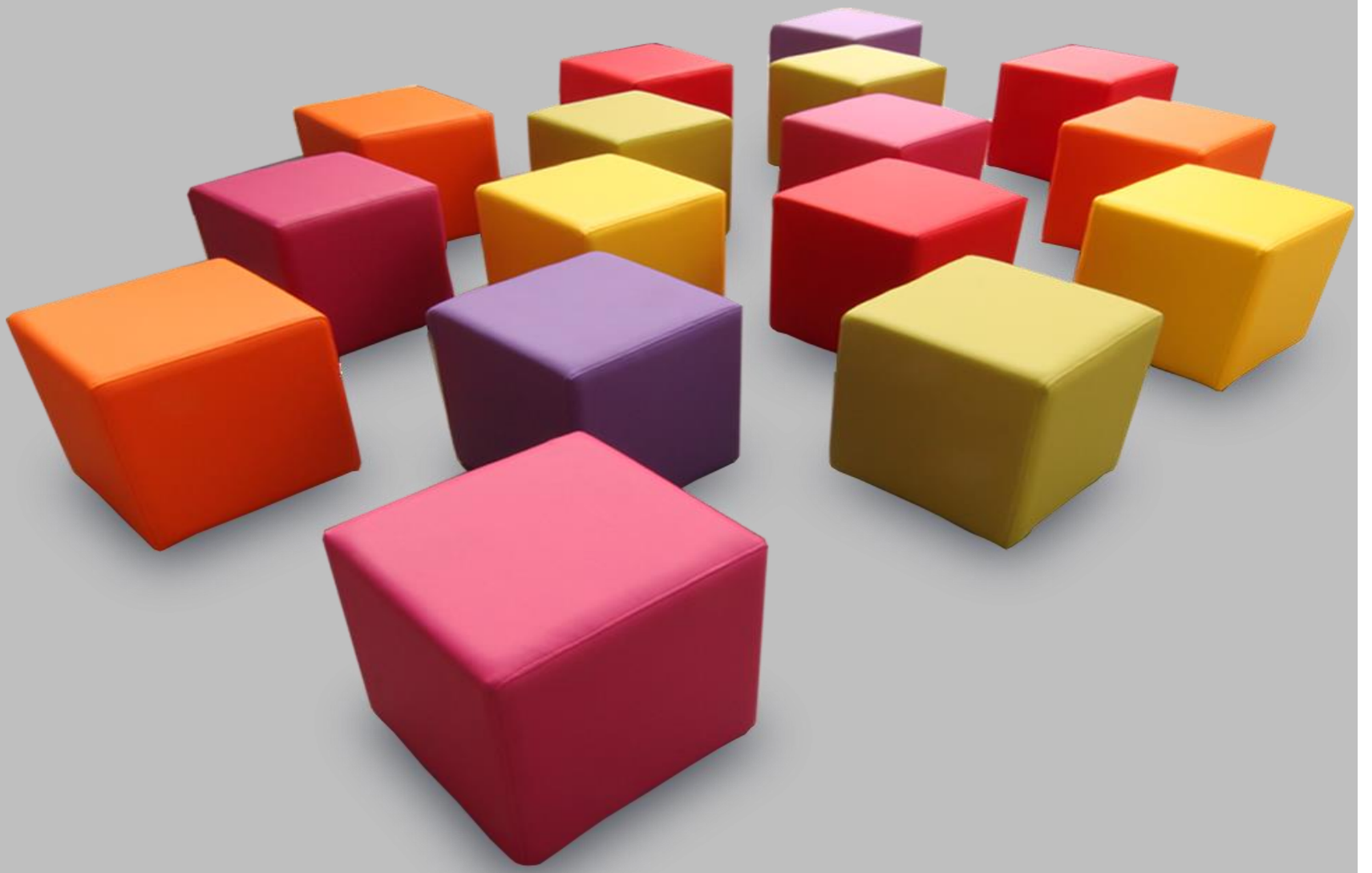


Manufacturer & Exporter of Acid Dyes

Shital Enterprise

PROPERTIES ON FULL CHROME LEATHER

PRODUCT	Solubility gpl@60°C	Light Fastness	Washing Fastness			PERSPIRATION	PVC Migration	Shade on Cow Crust	
			CS	SC	SW			Grain 4.0%	Split 4.0%
ACID YELLOW 42	50	4	4	3	4	3-4	2-3		
ACID YELLOW 204	60	4-5	3	4	4	3-4	4		
ACID YELLOW 99	50	4-5	4	3	4	3-4	4		
ACID YELLOW 194	40	3	2	3	4	3-4	4		
ACID ORANGE 74	40	3	3	3-4	3	3-4	4		
ACID ORANGE 142	60	4-5	3	4	4	4	3-4		
ACID RED 337	40	4-5	4	4	3-4	4	4-5		
ACID RED 357	50	4-5	4	4	3-4	4	4-5		
ACID RED 362	40	4-5	4	4	3-4	4	4-5		
ACID VIOLET 90	30	4	3	4	3	3	3-4		

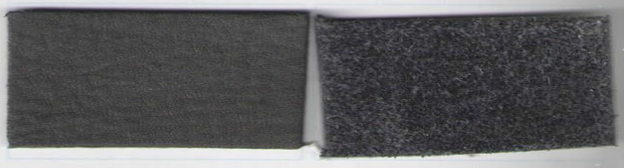
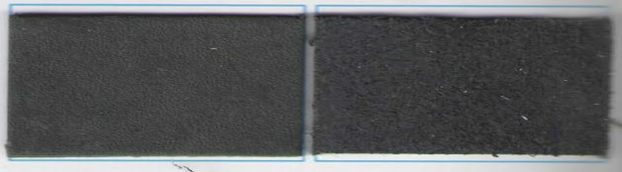
PROPERTIES ON FULL CHROME LEATHER

PRODUCT	Solubility gpl@60°C	Light Fastness	Washing Fastness			PERSPIRATION	PVC Migration	Shade on Cow Crust	
			CS	SC	SW			Grain 4.0%	Split 4.0%
ACID GREEN 104	60	3-4	3	4	3-4	3	4		
ACID GREEN 20	60	3-4	3-4	3	3	3-4	3-4		
ACID BLUE 113	40	3-4	3	3-4	3	3-3	3-4		
ACID BLUE 193	50	4	4	3	4	4	4-5		
ACID BROWN 83	60	4	3	3	4	3-4	3-4		
ACID BROWN 161	50	3-4	3	3	3	3-4	3-4		
ACID BROWN 425	60	4	4	3	4	3-4	4		
ACID BROWN 97	45	4-5	2-3	3	3	3-4	3-4		
ACID BROWN 432	50	3-4	3-4	3	3	3-4	4		
ACID BROWN 354	60	4	4-5	3	4	3	3		

PROPERTIES ON FULL CHROME LEATHER

PRODUCT	Solubility gpl@60°C	Light Fastness	Washing Fastness			PERSPIRATION	PVC Migration	Shade on Cow Crust	
			CS	SC	SW			Grain 4.0%	Split 4.0%
ACID BROWN 75	40	3-4	3-4	3	3-4	3	3-4		
ACID BROWN 58	50	4	4	4	3-4	4	4-5		
ACID BROWN 349	50	3-4	3-4	3	3	3-4	3-4		
ACID BROWN 434	50	3-4	4	3	3	3-4	4		
ACID BROWN 365	60	4	3	4	4	4	4		
ACID BROWN 165	50	3	3-4	3	3	3	3-4		
ACID BROWN 452	40	4	3-4	3	3-4	4	3-4		
ACID BROWN 369	50	4	4-5	3	3	3	3-4		
ACID BROWN 282	40	3	3-4	3	3-4	3	3-4		
ACID BROWN 355	60	4	4	4	3-4	4	4		

PROPERTIES ON FULL CHROME LEATHER

PRODUCT	Solubility gpl@60°C	Light Fastness	Washing Fastness			PERSPIRATION	PVC Migration	Shade on Cow Crust	
			CS	SC	SW			Grain 4.0%	Split 4.0%
ACID BLACK 194	80	3-4	4	4	3-4	4	4-5		
ACID BLACK 107	50	4	3-4	4	3-4	3-4	4-5		
ACID BLACK 210	60	3-4	3-4	3	4	3-4	4-5		
ACID BLACK 234	60	4	3-4	3	4	3-4	4-5		

Properties & Fastness:

Properties & Fastness of leather Dyestuff have been assessed. When the proper method is available, according to intentional I.U.F. Rules. The Figures, referred to the grey scales or other evaluation methods, take the usual meanings: 1-Poor, 3-Fair, 5-Very good.

(A) Solubility Test Method :

Test method: IUF 201

Solubility is expressed as the maximum number of grams dyestuff which remains in solution in 1 Liter of distilled water at 60 °C /140°C.

(B) Color fastness to Perspiration :

Test method: IUF 426

By fastness of color of leather to perspiration is meant its resistance to the prolonged action of an artificial perspiration solution.

(C) Color fastness to Washing :

Test method: IUF 450

This method is intended for determining the transfer of color and the behavior of the surface of leather on washing with an un-dyed wool felt. The felt may become colored through transfer of any kind of colored matter, e.g. finish, pigment, dyestuff & buffing dust.

(D) Color fastness to Light : Xenon Lamp

Test method: IUF 402

This method is intended for determining the resistance of the color of leather to action of a standard artificial light source. The Xenon Lamp has an emission wavelength profile close to daylight. The values reported are for dyeing on full grain chrome leather. It should be clearly understood that the light fastness rating obtain will change significantly depending on type of leather and amount of dye applied.

(E) Penetration :

The dye penetration is tested on freshly tanned on chrome calf leather (neutralized and subsequently dyed) and on crusted chrome suede leather. Assessment (Leather cross - Section) :5 = complete penetration, 4 = 75% Penetration, 3 = 60% Penetration, 2 = 30% Penetration, 1 = Superficial Cooling.

(F) Color fastness to migration in to the Plasticizer PVC :

Test method: IUF 442

The color fastness in respect of migration into plasticizer Poly (vinyl chloride) – PVC is the transfer of color from leather to white plasticized PVC at 50 *V.

APPLICATION

Raw Material: Full Chrome Cow Crust leather % is based on Shaved Weight.

Process	%	Product	Run Time Min.	pH/Remarks
Wet Back	500	Water		
	1	Wetting Agent		
	1	Ammonia		
			120	Pile over night
Dyeing	100	Water		
	X	Dyestuff		
	2	Savitan LA (Penetrating & Levelling Syntan)	30	
	5	DI Syntan		
	5	GS Powder		
	5	FB 6 Syntan	30	
Fat Liquring	10	Fat liquor	30	Check penetration, if needed Run for 15 min. more
Fixation	2-4	Formic Acid	30	Add formic acid in 3 intervals of 10 min.Check Exhaustation Drain & Rinse
Top Dyeing	X	Dyestuff	25	
Fixation	1-2	Formic Acid	30	Add formic acid in 3 intervals of 10 min. Check Exhaustation Drain. Wash, Dry & toggle, Dry Milling.

Methods & Properties recommended herein are based on the present state of our knowledge and is intended to serve only as a guide to customers in the use of our products, without any obligation on our part. It does not release customers from obligation to check its validity and to test our products as per their suitability.

Factory

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