



DYESTUFFS ON LEATHER



| C. I. Name / Trade Name | 60 Deg Solubility | Penetration | Fastness | | | | | | |
|------------------------------------|-------------------|-------------|----------|--------------|-----|-----|---------|-----|-----|
| | | | Light | Perspiration | | | Washing | | |
| | | | | CS | SC | SW | CS | SC | SW |
| ACID YELLOW 5GN ACID YELLOW 110 | 80 | 3 | 4-5 | 4-5 | 4-5 | 4 | 4-5 | 4 | 4-5 |
| ACID SCARLET G ACID RED 97 | 65 | 4 | 2-3 | 1 | 3 | 1 | 1 | 4 | 4 |
| ACID RED C | 50 | 3 | 3-4 | 3 | 3 | 3 | 4 | 3 | 3 |
| ACID RED 3BN ACID RED 131 | 50 | 3 | 5 | 4-5 | 4-5 | 4-5 | 4 | 4 | 4-5 |
| ACID MAROON V ACID RED 119 | 75 | 4 | 3-4 | 4 | 4 | 4 | 2 | 2 | 2 |
| ACID RED 10B ACID VIOLET 54 | 75 | 1 | 2-3 | 5 | 5 | 3-4 | 3 | 4 | 4-5 |
| ACID BLUE C | 20 | 3 | 3-4 | 3 | 3 | 3 | 4 | 3 | 3 |
| ACID BLUE S5R ACID BLUE 113 | 80 | 4-5 | 4-5 | 2 | 1 | 1 | 1 | 3 | 4 |
| ACID BROWN RT ACID BROWN 214 | 60 | 3 | 4-5 | 5 | 4 | 4 | 4 | 4 | 4 |
| ACID BROWN GOL ACID BROWN 422 | 30 | 4 | 6 | 4-5 | 2 | 2 | 3-4 | 2-3 | 2-3 |
| RESORCINE BROWN R ACID BROWN-14 | 15 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 4-5 |

OWEN
MILLS
S



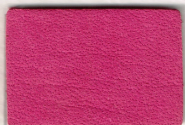
ACID YELLOW 5GN



ACID SCARLET G



ACID RED C



ACID RED 3BN



ACID MAROON V



ACID RED 10B



ACID BLUE C



ACID BLUE S5R



ACID BROWN RT



ACID BROWN GOL



RESORCINE BROWN R





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|-----------------------------------|-------------------|-------------|----------|--------------|-----|-----|---------|-----|-----|
| | | | Light | Perspiration | | | Washing | | |
| | | | | CS | SC | SW | CS | SC | SW |
| ACID BROWN SG ACID BROWN 348 | 60 | 1-2 | 3 | 3 | 3 | 3 | 4 | 4 | 4-5 |
| ACID BROWN CER ACID BROWN 75 | 60 | 2 | 4 | 3-4 | 1 | 1 | 3 | 3 | 2-3 |
| ACID BROWN SR ACID BROWN 349 | 50 | 1-2 | 3 | 4 | 3 | 3 | 4 | 3 | 5 |
| ACID BROWN 365 | 45 | 2 | 4 | 4-5 | 3 | 2-3 | 3-4 | 4-5 | 4-5 |
| ACID BROWN 2GLR ACID BROWN 425 | 75 | 4 | 4-5 | 4-5 | 2-3 | 5 | 2 | 2-3 | 3-4 |
| ACID BROWN 282 | 60 | 2 | 3-4 | 3-4 | 2 | 3 | 1-2 | 4 | 3 |
| ACID BLACK 10BX ACID BLACK 1 | 45 | 3 | 4 | 2 | 1 | 1 | 1 | 3 | 4 |
| ACID BLACK 194 | 80 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 |
| ACID BLACK 210 | 60 | 3-4 | 2 | 4 | 2-3 | 4 | 3-4 | 2-3 | 3 |
| ACID BLACK 234 | 60 | 1 | 5 | 4 | 4 | 3 | 3 | 4 | 4 |
| ACID BLACK 172 | 100 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 |

MIO SHIIDI MIO SHIIDI



ACID BROWN SG



ACID BLACK 10BX



ACID BROWN CER



ACID BLACK 194



ACID BROWN SR



ACID BLACK 210



ACID BROWN 365



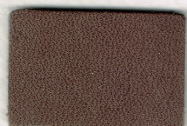
ACID BLACK 234



ACID BROWN 2GLR



ACID BLACK 172



ACID BROWN 282



Full Chrome Retanned Cow Hide Leather

| Raw Material | Wet Blue Cow | Mins |
|------------------|--|--------------------------------|
| Thickness | 1.1 - 1.2 Mm | |
| %based On | Shaved Weight | |
| Wash | 300% Water At 30° C 0.20% Formic Acid Drain | 30' |
| Rechrome | 100% Water At 30° C 04.0% Chrome Syntan 01.0% Fat Liquor +0.5% Sodium Bicarbonate Drain & Rinse Pile Overnight | 60' 10+10 X 20' Next Day |
| Wash | 300% Water Drain | 15' |
| Neutralise | 200% Water At 30° C 01.0% Sodium Formate 01.0% Sodium Bicarbonate Ph 5.4 - 5.6 Drain 200% Water | 60' 10' |
| Retanning | 150% Water At 60° C 06.0% Retanning Agent Drain | 30' |
| Dye / Fat Liquor | 150% Water At 30° C 02% Dye 6.0% Fat Liquor +1.0% Formic Acid Drain & Rinse | 30' 45' 3 X 10' |

FOR COLOURS, DYE % IS 2% AND FOR BLACKS, DYE % IS 3%