



**ITOLAN**  
Dyes On Nylon

**MAGNACOLOURS**<sup>®</sup>  
IMAGINATION INK<sup>®</sup>

# ITOLAN

## Dyes On Nylon



### ITOLAN DYEING METHOD

- Recipe:** x% Dye  
0.5g/l ITOQUEST LJ3-12  
Acetic Acid to give pH 4.5-6  
0.5-3% ITOWOL SET
- Method:** Heat to 40°C.  
Add Acetic acid to give desired pH, run for 10 minutes.  
Add chemicals, run for 10 minutes.  
Add dyes, run for 10 minutes.  
Heat at 2°C/min to 100°C.  
Run for 40 to 60 minutes.  
Cool at 2°C/min to 60°C.  
Drop liquor and rinse.

#### After Treatment:

Wet fastness of shades can be improved by after treating with Powerfix & ITOFIX NYGA

### FASTNESS TEST METHODS

The fastness properties were tested at 1/1 standard depths.

<b>Light Fastness</b>	ISO 105-B02
<b>Wash Fastness</b>	ISO 105-C02
<b>Perspiration Fastness</b>	ISO 105-E02
<b>Water Fastness</b>	ISO 105-E01














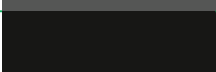
### SYMBOLS USED IN FASTNESS COLUMNS

**CS** Change of shade

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ITOLAN		Fastness Properties				
		Sol	Light	Wash 50°C	Alk Persp	Water
Dyed at 1%, Navy and Black at 2%		<b>90°C</b>	<b>1/1</b>	<b>CS</b>	<b>CS</b>	<b>CS</b>
<b>Yellow 2GL 200%</b> <b>Yellow 059</b>		25	6	5	5	5
<b>Yellow S2G</b> <b>Yellow 220</b>		75	7/8	4/5	5	4/5
<b>Yellow NW</b> <b>Yellow 151</b>		60	6	4/5	4/5	4/5
<b>Orange KRLS 135%</b> <b>Orange 107</b>		60	3/4	4/5	4/5	4/5
<b>Orange S2R</b> <b>Orange 154</b>		80	7	4/5	4	4/5
<b>Orange SR</b> <b>Orange 144</b>		80	7	4/5	4/5	4/5
<b>Red S2G</b> <b>Red 359</b>		30	6/7	4/5	5	5
<b>Red SG</b> <b>Red 315</b>		100	5/6	4/5	4	4/5
<b>Red 3G</b> <b>Red 407</b>		60	5/6	4/5	4	4/5
<b>Bordeaux SB</b> <b>Red 405</b>		100	5	3	4	5
<b>Bordeaux DB Conc</b> <b>Violet 090</b>		30	5/6	4/5	4/5	5
<b>Bordeaux EL 200%</b> <b>Red 251</b>		60	6	4/5	4/5	4/5
<b>Brown SGR</b> <b>Brown 282</b>		40	7	4/5	4/5	4/5
<b>Red Brown SR</b> <b>Brown 283</b>		80	6	5	4/5	4/5
<b>Brown SBRL</b> <b>Brown 289</b>		80	6/7	5	5	4/5
<b>Brown SGL</b> <b>Brown 298</b>		70	6/7	4/5	4/5	4/5
<b>Olive SG</b> <b>Green 073</b>		70	5/6	5	5	4/5
<b>Navy SB 150%</b> <b>Blue 284</b>		50	6	5	4/5	5
<b>Navy SG 150%</b> <b>Blue 317</b>		70	6/7	4/5	4	5
<b>Grey SB</b> <b>Black 207</b>		30	6/7	5	5	5
<b>Black BGL 200%</b> <b>Black 107</b>		50	6/7	5	4/5	4/5



Range	Features
<b>ITOACID</b>	Disulphonated premetalised blacks.
<b>ITOLEVELLING</b>	Acid levelling dyes where levelness and penetration is important. Also contain fluorescent dyes.
<b>ITOMILLING</b>	Milling dyes for use for brighter shades with overall good fastness.
<b>ITOMILLING MF</b>	Metal free milling dyes.
<b>ITOLAN</b>	Premetalised dyes where excellent wet and light fastness is required.
<b>ITOSET</b>	Synergistic range offering a compact compatible range for wool and nylon. Ideal for Wool/Nylon blends giving on tone balance in blends.
<b>ITOWOL</b>	Wool Reactive dyes for the brightest shades with the highest wet fastness.
<b>ITOCHROME</b>	Mordant dyes for high fastness, also give the best coverage on skittery wools.

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