Roop Dyes & Intermediates

Where Color Meets Innovation

Reactive Dyes

Roopzol RHL Series

Roop Dyes & Intermediates

Technical GuideLine

New Tones with new innovation for next generation Roopzol RHL is a Homogeneous Modified Reactive Dyes. Recommended for Continuous Dyeing ,Exhaust dyeing, Cold pad Batch, For Pale & medium shades, Earthy, Lichen Greens, Bringle, Lunar Types, Sandy, French Oak, Bage khaki, Olives, Irish, and much more.....



Yellow RHL Red RHL Grey RHL Olive RHL

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Important Features and Advantages and Benefits.

- Excellent Light Fastness Properties.
- Bright and Brilliant tones.
- Cheaper recipes for pale and medium tone shades.
- Better fiber penetration with superior levelling.
- High productivity due to high exhaust and fixation.
  Excellent all fastness properties.
  (Rubbing, Light, Chlorine, Washing, Laundering)
- Similar process without and Reduction and oxidation.
- **Outstanding Reproducibility for all tones.**
- Cost saving due to much lower load on effluent.
- High tone consistency
- Fastness to post mercerization.
- Versatility of processes use for cold pad batch continues Dyeing and Exhaust dyeing.
- Suitable for subsequent process of Enzeme/Stone wash/Post treatment With liquid ammonia/Post Mercerized with minimum tone change
- No Variation edge-center-edge Tone
- Very High solidity of level-demanding customer requirements.
- Same tone Today, Tomorrow & day after

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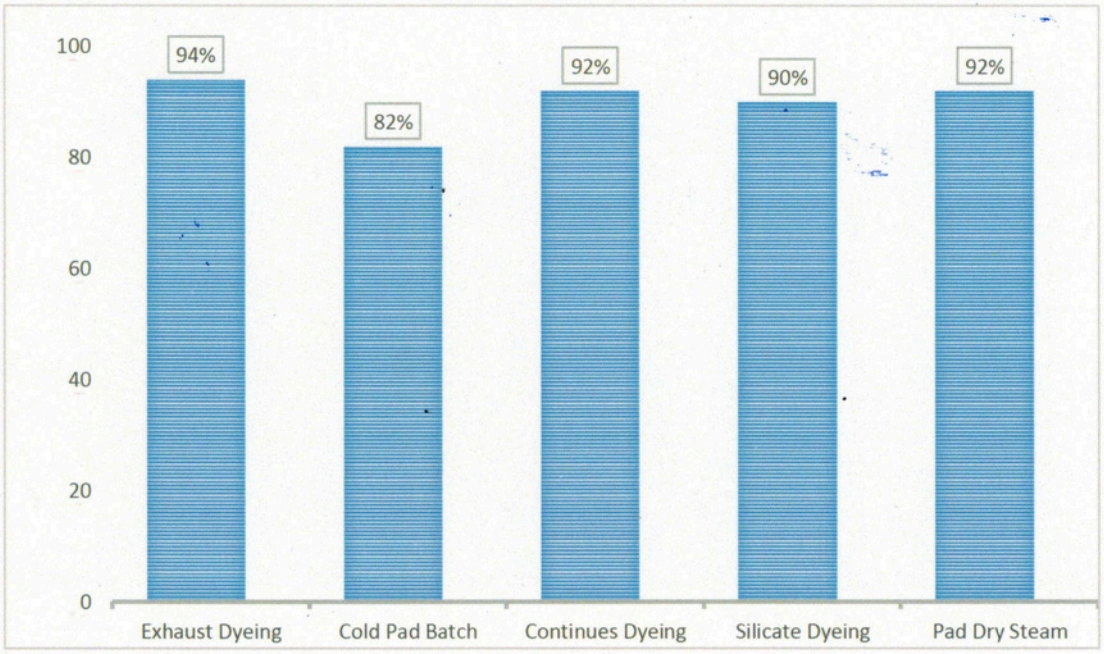
Fixation for varies Applications



Yellow RHL **Red RHL** **Grey RHL** **Olive RHL**

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ROOPZOL YELLOW RHL



ROOPZOL RED RHL



ROOPZOL GREY RHL



ROOPZOL OLIVE RHL



0.50%	1.0%	2.0%

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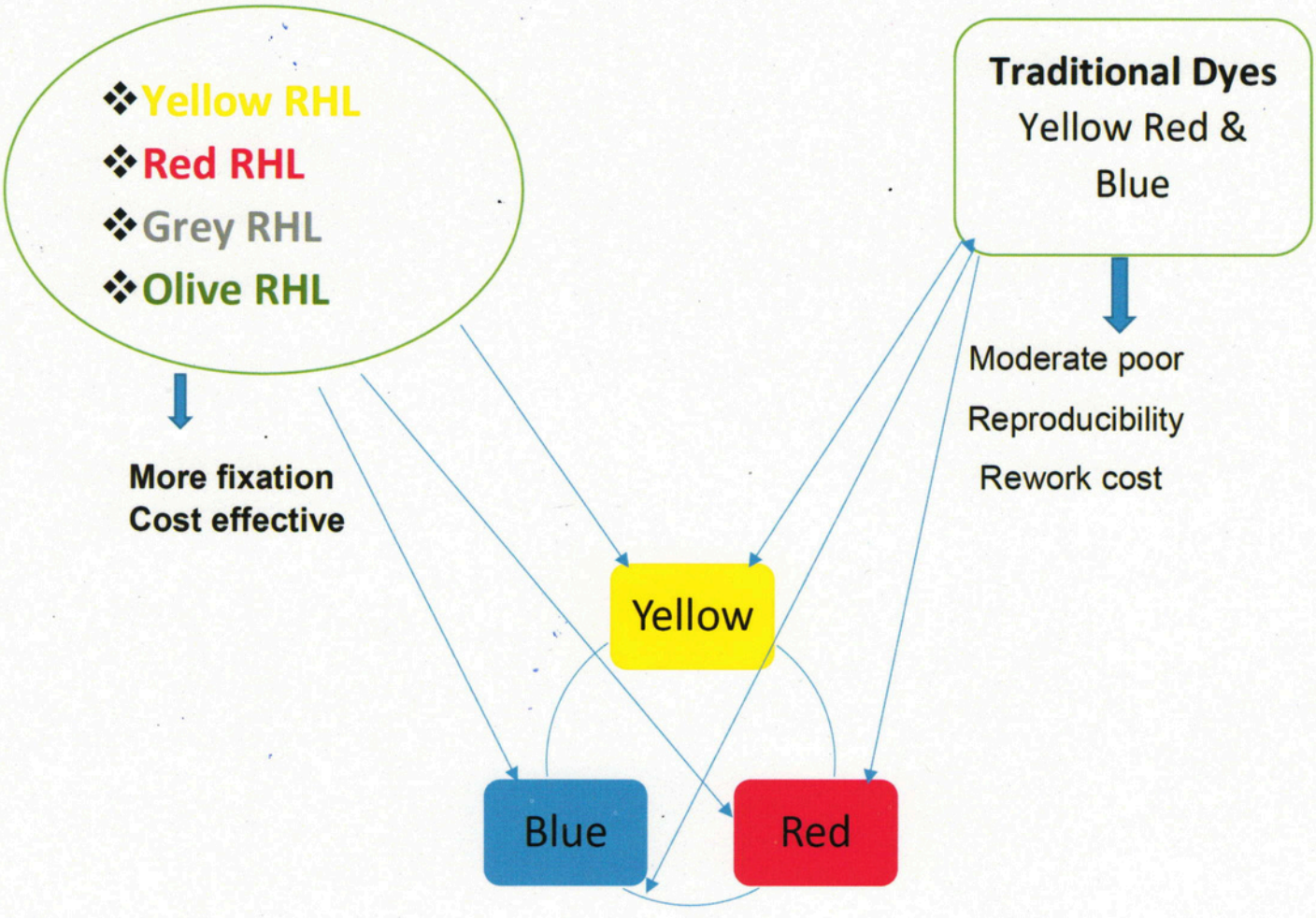
Selection of Conventional and current dyes for exhaust dyes and continues, dyeing and cold pad Batch.



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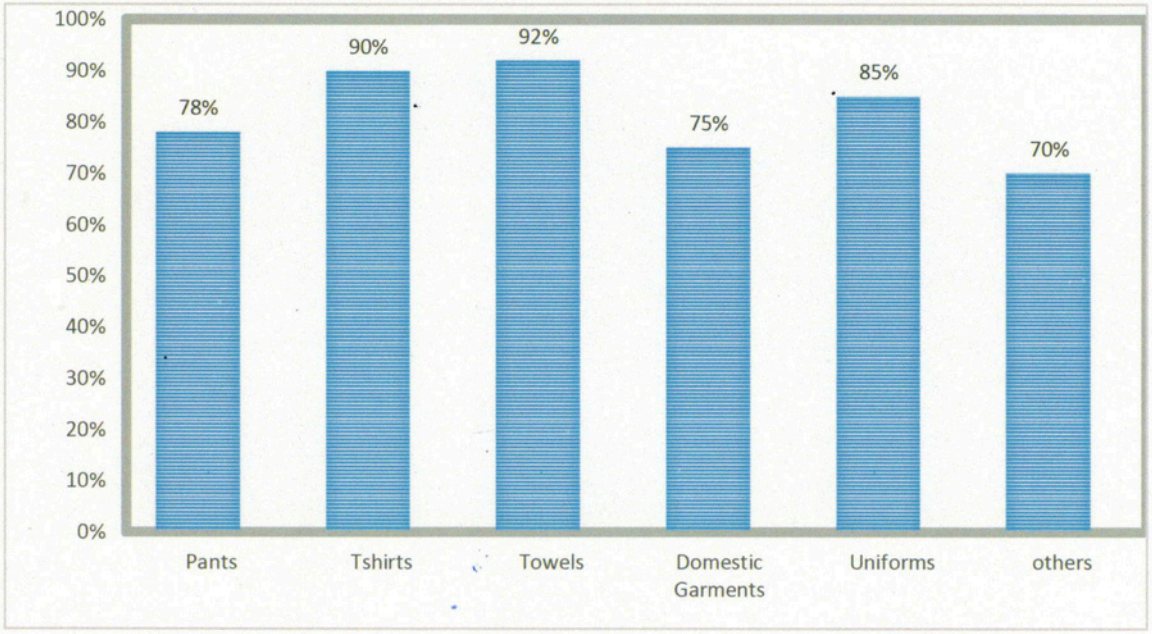
Already used successfully by Marks & Spencer, Zara, Nike, Adidas Jacky. Different types of forms and garments with Sandy, Earthy, Grey, Oliva , Pricks, Marines Tones.



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Salt and Alkali Requirements :

	0.1-0.5	0.5-1.0	1.0-2.0	2.0-3.0	3.0-5.0	>5.0
Salt gms/lit	30	40	50	60	70	80
Soda ash gms/lit	10	12	15	18	20	20

Mix Alkali :

	0.1-0.5	0.5-1.0	1.0-2.0	2.0-3.0	3.0-5.0	>5.0
Salt gms/lit	30	40	50	60	70	80
Soda ash gms/lit	5	5	10	10	12	12
NaOH 50% c.c/lit	0.5	0.5	1	1	1.5	2

Fastness Properties :

Product Name	Process Suitability					Light Fastness		Washing ISO3		Perspiration		Rubbing Fastness X-12		Chlorinated water 150-105 E03	Perborate wet fade M & S C9A	Repeated domestic washing
	Warm exhaust	CPS	PDPS	PDS	g/l at 30º C	ISO 105 B02	AATCC 16E 20	Staining	Shade change	Acidic	Alkaline	Dry	Wet			
Roopzol Yellow RHL	S	S	S	S	150	5	4.5	5	4.5	4.5	5	5	4.5	4	4.5	4.5
Roopzol Red RHL	S	S	S	S	150	5	4.5	4.5	4.5	4.5	4.5	5	4.5	4	4.5	4
Roopzol Gray RHL	S	S	S	S	140	5	4.5	4.5	4.5	4.5	4.5	5	4.5	3.4	4.5	4
Roopzol Olive RHL	S	S	S	S	150	5	4.5	5	4.5	4.5	4.5	5	5	4	4.5	4.5

Roop Dyes & Intermediates

Manufacturers & Exporters of Reactive & Other Dyes

Office Address: 603 Iscon Elegance, SG highway service road, Besides Crowne plaza, Prahladnagar - 380015, Ahmedabad, Gujarat, India.

Factory Address: 65/P2 + P3, GIDC Estate, Wadhwan city - 363035 Gujarat, India.

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ISO 9001 : 2015 ISO 14001 : 2015 ISO 45001 : 2018

ZDHC

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