

Disperse Rubine WRUT 200%

As the professional manufacture, we would like to provide you disperse rubine WRUT 200%. And we will offer you the best after-sale service and timely delivery.

Disperse Rubine WRUT 200%

Product advantages of Disperse Rubine WRUT 200%

Good leveling property, bright color, and darker color can be dyed: The dyed yarn has a soft feel and smooth fabric.

Product application of disperse Rubine WRUT 200%

Mainly used for printing and dyeing polyester and its blended fabrics. It can also be used for the printing and dyeing of synthetic fibers such as acetate, nylon, polypropylene, chlorinated fiber, and acrylic fiber.

Comparison data of disperse Rubine WRUT 200%

1 The Dyeing Depth % (Knitted Polyester Spandex o.w.f)

	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0

2 Heating curve

Heating rate 1.0°C/min 2.0% (o.w.f)

Temperature	70°C	80°C	90°C	100°C	110°C	120°C	130°C	130°C*20min	130°C*40min	80°C
Heating										
Raffinate										

3 PH dependence 2.0% (o.w.f)

Dye bath PH value	3	4	5	6	7	8	9	10	11
Disperse Rubine WRUT									
Rubine Raffinate									
PH value after dyeing	3.28	4.24	5.38	6.35	6.91	7.34	7.57	7.48	8.12

4 Color Fastness Test

4.1 Washing Fastness : AATCC-61-2A (Six fiber cloth 49°Cx45min)

Formula (o.w.f)	Category	Before test	After test	WO	PAC	PES	PA	CO	CA	Formula (o.w.f)	Category	Before test	After test	WO	PAC	PES	PA	CO	CA	
0.3% Unreduced	Washing			4	4-5	4-5	3-4	4-5	3-4	2.1% Unreduced	Washing			4-5	3	4-5	3	2-3	3-4	2-3
	Level										Level									
0.3% Reduction	Washing			4-5	4	4-5	4-5	4	4-5	2.1% Reduction	Washing			4-5	4	4-5	4-5	3-4	4-5	3-4
	Level										Level									
0.9% Unreduced	Washing			4-5	3-4	4-5	3-4	3	4	2.7% Unreduced	Washing			4-5	2-3	4-5	3	2	3-4	2
	Level										Level									
0.9% Reduction	Washing			4-5	4	4-5	4-5	4	4-5	2.7% Reduction	Washing			4-5	3-4	4-5	4-5	3-4	4	3-4
	Level										Level									
1.5% Unreduced	Washing			4-5	3-4	4-5	3-4	2-3	4	3.0% Unreduced	Washing			4-5	2-3	4-5	3	2	3-4	2
	Level										Level									
1.5% Reduction	Washing			4-5	4	4-5	4-5	3-4	4-5	3.0% Reduction	Washing			4-5	3-4	4-5	4-5	3-4	4	3
	Level										Level									

4.2 Washing Fastness : GB/T3921-C 60°Cx30min

Unreduced wash										Reduction wash										
Formula (o.w.f)	Category	Before test	After test	WO	PAC	PES	PA	CO	CA	Formula (o.w.f)	Category	Before test	After test	WO	PAC	PES	PA	CO	CA	
0.3% Unreduced	Washing			4	4	4-5	4-5	4	4-5	0.3% Reduction	Washing			4-5	4	4-5	4-5	4-5	4-5	4
	Level										Level									
0.6% Reduction	Washing			4	4	4-5	4	3-4	4	0.6% Reduction	Washing			4-5	4	4-5	4-5	4	4-5	4
	Level										Level									
1.5% Unreduced	Washing			4	4	4-5	4	3	4	1.5% Reduction	Washing			4-5	4	4-5	4-5	4	4	4
	Level										Level									
2.1% Reduction	Washing			4	4	4-5	3-4	3	3-4	2.1% Reduction	Washing			4-5	4	4-5	4	3-4	4	4
	Level										Level									
2.7% Unreduced	Washing			4	3-4	4	3-4	2-3	3-4	2.7% Unreduced	Washing			4-5	4	4	4	3-4	4	3-4
	Level										Level									
3.0% Reduction	Washing			4	3-4	4	3-4	2-3	3-4	3.0% Reduction	Washing			4-5	4	4	4	3-4	4	3-4
	Level										Level									

4.3 Spell white fastness : 60°Cx30min (Unreduced wash)

Formula (o.w.f)	Before test	After test	Staining	Formula (o.w.f)	Before test	After test	Staining
Rubine WRUT 0.3%			4	Rubine WRUT 2.1%			3-4
Level				Level			
Rubine WRUT 0.9%			4	Rubine WRUT 2.7%			3
Level				Level			
Rubine WRUT 1.5%			4	Rubine WRUT 3.0%			3
Level				Level			

Spell white fastness: 60°Cx30min (Reduction wash)

Formula (o.w.f)	Before test	After test	Staining	Formula (o.w.f)	Before test	After test	Staining
Rubine WRUT 0.3%			4	Rubine WRUT 2.1%			4
level				level			
Rubine WRUT 0.9%			4	Rubine WRUT 2.7%			3-4
level				level			
Rubine WRUT 1.5%			4	Rubine WRUT 3.0%			3-4
level				level			

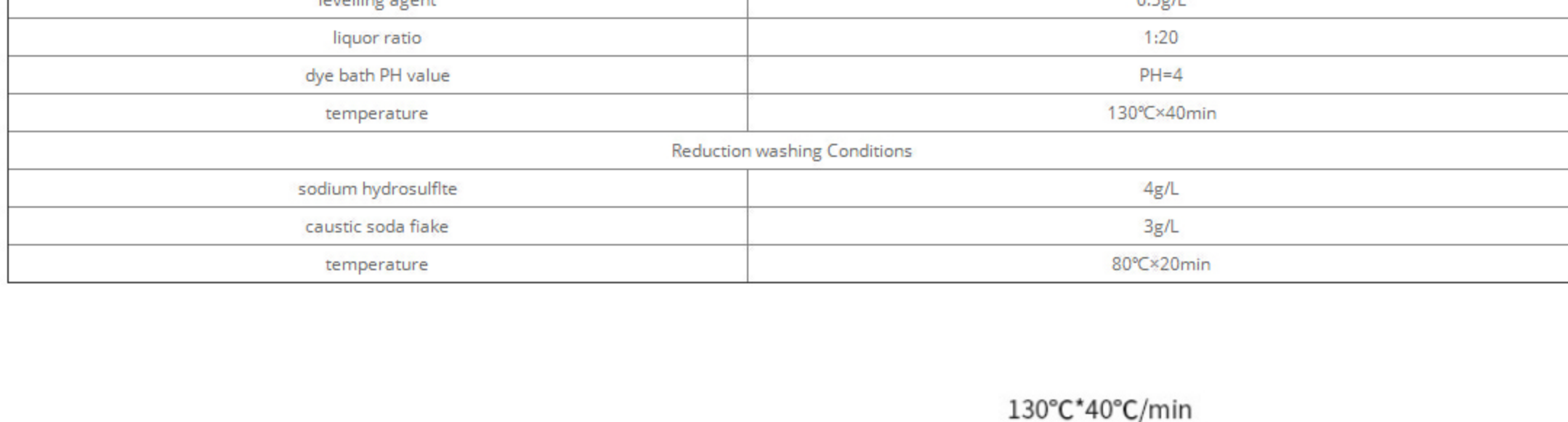
4.4 Sublimation Fastness : ISO-105-P01 (Pure polyester/cotton standard interlining , 180°Cx30s)

formula (o.w.f)	Before test	After test	PES	CO	formula (o.w.f)	Before test	After test	PES	CO
0.3%(Unreduced wash)			4	4	2.1%(Unreduced wash)			3-4	4
level					level				
0.3%(Reduction wash)			4	4	2.1%(Reduction wash)			3-4	4
level					level				
0.9%(Unreduced wash)			4	4	2.7%(Unreduced wash)			3-4	4
level					level				
0.9%(Reduction wash)			4	4	2.7%(Reduction wash)			3-4	4
level					level				
1.5%(Unreduced wash)			4	3-4	3.0%(Unreduced wash)			3-4	4
level					level				
1.5%(Reduction wash)			4	3-4	3.0%(Reduction wash)			3-4	4
level					level				

4.5 Bubble Water Fastness : (3g/L washing powder 70°Cx1min)

formula (o.w.f)	Blank	Rubine WRUT 0.3%	Rubine WRUT 0.9%	Rubine WRUT 1.5%	Rubine WRUT 2.1%	Rubine WRUT 2.7%	Rubine WRUT 3.0%
(Unrestored) Fade							
Level	Blank	4	3-4	3-4	3	3	3
(Restored) Fade							
Level	Blank	4	4	3-4	3-4	3-4	3-4

Dyeing condition	
dyeing process	HPHT
fabrics	Knitted polyester cloth
acetic acid	0.5g/L
levelling agent	0.5g/L
liquor ratio	1:20
dye bath PH value	PH=4
temperature	130°Cx40min
Reduction washing Conditions	
sodium hydrosulfite	4g/L
caustic soda flake	3g/L
temperature	80°Cx20min



Our advantage

- 1 We have our own factory, R&D center and laboratory.
- 2 We can provide product customization services and technical support according to customer needs.

Packing information

6mm thick five-layer 25KG corrugated box.