

No	Parameter	Test	Coralene Orange 3RLS 150%	
	<b>General Properties:</b>			
1	1/1 SD		1.50%	
2	Energy class		S	
3	Level uptake at 130 <sup>o</sup> C		G	
4	Migration		3-4	
5	pH range in dyeing		3.5 - 7.0	
6	Application Suitability	Fiber	✓	
		Yarn	✓	
		Sewing threads	✓	
		Micro fabric	×	
		P/C Exhaust - 2 Step	✓	
		P/C Continuous	✓	
		P/W Exhaust	✓	
		Elastane blends	×	
7	C.T.Z.	1/1 SD	100 - 120 <sup>o</sup> C	
8	Saturation value (100% PET Knit)		6.0%	
9	Dischargeability		✓	
10	Printing suitability		✓	
11	Print Development	Pressure ager	✓	
		Loop ager	✓	
		Carrier dyeing at 95 <sup>o</sup> C	×	
12	Dyeing suitability	HHP dyeing	✓	
		Continuous dyeing	✓	
		Thermosol temp.		
13	Continuous dyeing	Thermosol time		
14	CII	F02	9.47	
		CMC CON02	F11	5.64
		Inc A	6.02	
14	Sensitivity to Fe2+	1/1 SD		
	AATCC 161		COS 5.0	

**Fastness Properties:**

1	Sublimation	1/1 SD		
	ISO 105 P01 - 1993, 180C/30 sec		COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5 4-5
	210C/30 sec	1/1 SD		
			COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4 4-5 4 4 4 4
2	Light Fastness	1/1 SD		
	AATCC 16, Option 3		20 AFU 40 AFU	4.5 4.5
	ISO 105 B02,		Up to grade 6, 1/1 SD Up to grade 6, 1/6 SD Up to grade 6, 1/12 SD	6+ 5-6 5
	3	Wash Fastness	1/1 SD	
	ISO 105 C03 - 1994,		COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4 4-5 4-5 4-5 4-5 4-5 4-5
	Wash Fastness	1/1 SD		
	AATCC 61 - 2009, 2A,		COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4.0 3.5 4.5 4.0 4.5 4.5 4.5

4	Perspiration Fastness ISO 105 E04 -2008 Acidic	1/1 SD	COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5
	Perspiration Fastness ISO 105 E04 -2008 Alkaline	1/1 SD	COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5
5	Water Fastness ISO 105 E01 - 1994,	1/1 SD	COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5
6	Fastness to dye transfer AATCC 163 - 2002, Option 2	1/1 SD Face	COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4.5 4.5 4.5 4.5 4.5 4.5
			Back Back Staining on Polyester	COS 4.5
7	Fastness to dry cleaning ISO 105 D01- 1993,	1/1 SD	COS Staining on Acetate Cotton Nylon Polyester Acrylic Wool	4 4-5 4-5 4-5 4-5 4-5
8	Migration to PVC ISO 105 X 10,	2/1 SD Staining on PVC Foil		4