

TEST REPORT

APPLICANT :
BUYER :

KATRI NO : STOB20-00004163
RECEIVED DATE : JUN. 08, 2020
ISSUED DATE : JUN. 12, 2020
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APPLICANT'S PROVIDED SAMPLE DESCRIPTION :
ONE(1) SAMPLE OF KNIT FABRIC

TEST ITEM	TEST RESULT	REQUIREMENTS
	#1	
pH : Supplier's Confirmation of Conformity Standards Part 15 5.2.1 (KS K ISO 3071 : 2005)	6.3	4.0 ~ 7.5
<Note> 1. Type of solution : 0.1 mol/L KCl solution 2. Instrument : pH meter		
Formaldehyde Content (mg/kg) : Supplier's Confirmation of Conformity Standards Part 15 5.2.2 (KS K ISO 14184-1 : 1998)	N.D.	≤ 75
<Note> 1. N.D. : Not Detected(Less than 20 mg/kg) 2. Instrument : UV/VIS Spectrophotometer		

- Continues -



Lim, Hun Jin
Director General

Tested by Name : Lee Boo Hyun



Technical Manager : Lee Gyeong Min




Location of Test : Deokcheon48-ro 19, Anyang-dong, Manan-gu, Anyang-si, Gyeonggi-do, Korea

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TEST ITEM	TEST RESULT	REQUIREMENTS
#1		
Total Content of nonylphenol (mg/kg) : Supplier's Confirmation of Conformity Standards Part 15 5.2.11		
Nonylphenol (NP)	< 3	≤ 100
p-Nonylphenol-ethoxylate (NPEO)	< 30	
<Note> NP		
1. Detection limit : 3 mg/kg 2. Test Instrument : GC-MS-MS or LC-MS-MS		
NPEO		
1. Detection limit: 30 mg/kg 2. Test Instrument : LC-MS-MS		
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#1		

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Test Items	Test Results #1	Requirements
Allergenic Disperse Dye stuffs (mg/kg) :		
Supplier's Confirmation of Conformity Standards Part 15 5.2.9 (KS K 0736 : 2014)		
Disperse Blue 1 (2475-45-8)	< 20	≤ 50
Disperse Blue 3 (2475-46-9)	< 20	≤ 50
Disperse Blue 7 (3179-90-6)	< 20	≤ 50
Disperse Blue 26 (3860-63-7)	< 20	≤ 50
Disperse Blue 35 (12222-75-2)	< 20	≤ 50
Disperse Blue 102 (12222-97-8)	< 20	≤ 50
Disperse Blue 106 (12223-01-7)	< 20	≤ 50
Disperse Blue 124 (61951-51-7)	< 20	≤ 50
Disperse Brown 1 (23355-64-8)	< 20	≤ 50
Disperse Orange 1 (2581-69-3)	< 20	≤ 50
Disperse Orange 3 (730-40-5)	< 20	≤ 50
Disperse Orange 37/59/76 (13301-61-6)	< 20	≤ 50
Disperse Orange 149 (85136-74-9)	< 20	≤ 50
Disperse Red 1 (2872-52-8)	< 20	≤ 50
Disperse Red 11 (2872-48-2)	< 20	≤ 50
Disperse Red 17 (3179-89-3)	< 20	≤ 50
Disperse Yellow 1 (119-15-3)	< 20	≤ 50
Disperse Yellow 3 (2832-40-8)	< 20	≤ 50
Disperse Yellow 9 (6373-73-5)	< 20	≤ 50
Disperse Yellow 23 (6250-23-3)	< 20	≤ 50
Disperse Yellow 39 (12236-29-2)	< 20	≤ 50
Disperse Yellow 49 (54824-37-2)	< 20	≤ 50

<Note> 1. Detection Limit : 20 mg/kg
 2. Instrument : LC-DAD-MS

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Test Items	Test Results #1	Requirements
Arylamines (mg/kg) : Supplier's Confirmation of Conformity Standards Part 15 5.2.3 (KS K 0147 : 2015)		
biphenyl-4-ylamine (92-67-1)	< 5	≤ 30
benzidine (92-87-5)	< 5	≤ 30
4-chloro-o-toluidine (95-69-2)	< 5	≤ 30
2-naphthylamine (91-59-8)	< 5	≤ 30
o-aminoazotoluene (97-56-3)	< 5	≤ 30
2-amino-4-nitrotoluene (99-55-8)	< 5	≤ 30
4-chloroaniline (106-47-8)	< 5	≤ 30
2,4-diaminoanisole (615-05-4)	< 5	≤ 30
4,4'-diamino-diphenylmethane (101-77-9)	< 5	≤ 30
3,3'-dichlorobenzidine (91-94-1)	< 5	≤ 30
3,3'-dimethoxybenzidine (119-90-4)	< 5	≤ 30
3,3'-dimethylbenzidine (119-93-7)	< 5	≤ 30
4,4'-methylenedi-o-toluidine (838-88-0)	< 5	≤ 30
p-cresidine (120-71-8)	< 5	≤ 30
4,4'-methylene-bis-(2-chloroaniline) (101-14-4)	< 5	≤ 30
4,4'-oxydianiline (101-80-4)	< 5	≤ 30
4,4'-thiodianiline (139-65-1)	< 5	≤ 30
o-toluidine (95-53-4)	< 5	≤ 30
2,4-toluylenediamine (95-80-7)	< 5	≤ 30
2,4,5-trimethylaniline (137-17-7)	< 5	≤ 30
o-anisidine (90-04-0)	< 5	≤ 30
4-aminoazobenzene (60-09-3)	< 5	≤ 30
2,4-xylidine (95-68-1)	< 5	≤ 30
2,6-xylidine (87-62-7)	< 5	≤ 30

<Note> 1. Detection Limit : 5 mg/kg

2. Instrument : GC-MS

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Test Items	Test Results #1	Requirements
Arylamines (mg/kg) : Supplier's Confirmation of Conformity Standards Part 15 5.2.3 (KS K 0739 : 2017)		
4-aminoazobenzene (60-09-3)	< 5	≤ 30
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS		