

K.G.S. Metallic Supply Co., Ltd.

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FACSIMILE

DATE: 7th April, 1999

SENDER: Tatsuya Hirodo

TO: Mr. Gary Collier

FAX REF. KGS99/0816243ANA/1999

COMPANY: Ackermann North America

TOTAL PAGES INCLUDING COVER: 1
 PLEASE CALL 432-4110 IF CORRECT NUMBER OF
 PAGES ARE NOT RECEIVED.

FAX NUMBER: 0061-1-303-453-0236

Dear Gary,

Thank you very much for your kind fax transmission dated March 31, 1999.
 Sorry for the delaying.

In reply to your inquiry of MSDS for our StarDust products.
 Details as below given:-

Colour Fastness	Gold	Silver
xenon lamp (carbon arc radiation 40hrs.)	4	4
Laundry		
marseille soap 0.5% 60°C x 30min	5	5
Dry Heating		
180°C x 10min	5	5
Dry Cleaning		
100% perchloroethylene 21°C x 20min	5	5
Dry Cleaning		
100% petroleum benzine 21°C x 20min	5	5
Dry Cleaning		
100% trichloroethylene 20°C x 20min	5	5
Friction		
load 200x 200 times	4	4
Boiling Water		
100°C x 30min	4	4
Dry Heating		
180°C x 60sec	5	5
Hot Water		
70°C x 30min	5	5
Process		
Monogen 0.5%, Acetic 1% 45°C x 20min	5	5

JIS STANDRAD EVALUATION:

4 BETTER RESISTABLE 5 BEST CONDITION OF RESISTANCE

If there is anything more we can do for you, please do not hesitate to
 let us know.

Your confirmation is awaited.

With Best Regards,
 Tatsuya Hirodo

P/s. Ronnie will send you our p.i. for yr p.o. #000608 tomorrow.

YENMET the strongest and smoothest-running metallic thread

Date: July 5th. 1998

SAFETY DATA SHEET

Commercial product Name : YENMET RH-110 METALLIC
COMPOSITION : NYLON 48% POLYESTER 52%

Test Items : Color fastness and the others

Received : July 8th. 1998

This is to certify that the results of laboratory tests applied
 on the samples attached herewith are as follows :

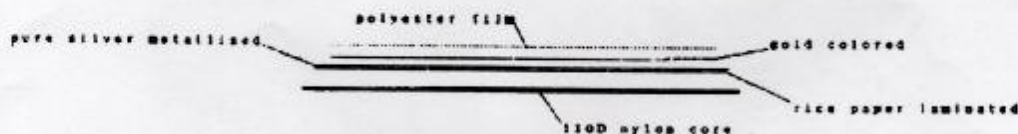
Results :

Test Items		Test Results
1. Color Fastness to Washing (class)	Color change Staining	5 5
2. Color Fastness to Washing (class)	Color change Staining	5 5
3. Color Fastness to Rubbing (class)	Dry Wet	5 4 - 5
4. Color Fastness to Hot Water (class)	Color change Staining	4 - 5 3
5. Color Fastness to Bleaching with Hypochlorite (class)	Color change	4 - 5
6. Tensile Strength (gf)		735
Coefficient of variation (%)		1.4
Elongation (%)		54.5

Metallic :

The metallic is made of polyester film with pure silver metallized twisted with 110^D nylon core, but gold colored metallic thread is under coated goods with resin by high technic

Core : The 110^D nylon core dyed which used by high pressure dyeing machine and all the metallic threads in gold color is twisted with "yellow color core".



to be cont. 2

Certificate No. KT-17017

No. 2

Date: July 5th, 1998

Test Purpose : To check the movement of thread trimming and the frequency of thread breakage using the following golden thread.

Test Condition :

1. Thread : YENMET golden metallic thread (Made of K. G. S. Metallic Supply Co Ltd)
2. Date : July 6th, 1998
3. Place : Japan Synthetic Textile Inspection Institute Foundation
4. Material : Felt with backing paper (Black)
5. Needle : DBK5#11 of organ needle
6. Design : Test design "WE ARE THE TOP IN THE WORLD-MALAYSIA TWIN TOWER"
7. Speed : 750 rpm
8. Model : TMEG-X620 with regular book M/No. 1036

Test Result :

1. Total No. of stitches : 51,430 (#25,715/DESIGN X 2 TIMES)
2. No. of thread breakage : 0 times
3. No. of color change (ATH EXECUTION) : 18 times (#9TIMES/DESIGN X 2 TIMES)
4. No. of mis-trimming : 0 times

INSTRUCTION OF HANDING RH TYPE

As the products used RH, please carefully handle if for avoiding erosion and change of the color.

1. Avoid high moist and high temperature place to store the product.
(Store the product at cool and dry place.)
2. Special attention need on residue of Sulphur compound as the color changes to black.
Please do not use it to products made of wool, leather, rubber, and ebonite or cellophane tape and adhesives.
3. Attention need on hydrogen sulfide gas, sulfurous acid gas, chlorine, ammonid and sweat.
4. In the case of using water-soluble paper, such as SOLVRON, etc., use it without using of detergent under at 95°C within 20 minutes.
No guarantee for longer use.
5. The laundry should be washed in cold water or tepid water using neutral detergents.
6. Please do not use caustic soda or bleaching agents with these colors because discoloration may occur.