



TEST REPORT

CUSTOMER PO NO.: -
ALS THAILAND REF NO.: ATT/ELP/21/6393-F
DATE: 23 December 2021
COMPANY: Material Expertise Co., Ltd.
50 Moo.1 T.Klong pra udom A.Latlumkaew Pathumthani 12140
DATE SAMPLE RECEIVED: 16 December 2021
DATE ANALYZED: 21 December 2021
DATE TEST COMPLETED: 23 December 2021
SAMPLE DESCRIPTION: One lot of sample was received with references:
Description: Single Coil Cord Black 12 Ft

METHOD/PROCEDURE:

Analysis	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
FTIR	2092-772141 Rev.AE, 92-004134 Rev. CH	1	n- Hexane(HPLC Grade)	30 mL

Results

This sample is no WD specification reference

Required Test	Analyte	Specification Limits, (ng/part)	Results, (ng/part)	PASS / FAIL
FTIR	Silicone at Wave No:1260,1080,1020 & 800cm-1	NA	Not Detected	NA
	Amide	NA	Not Detected	NA
	DOP	NA	Not Detected	NA

Note: The above analysis was carried out using FTIR spectrometer equipped with a MCT detector & a VATR accessory. The instrument detection limit for silicone oil is 0.05 ug

Remark:

1. The result related only to the tested sample(s) as indicated in this report.
2. The test report shall not be reproduced except in full, without written approval of ALS Testing Services (Thailand) Co., Ltd.

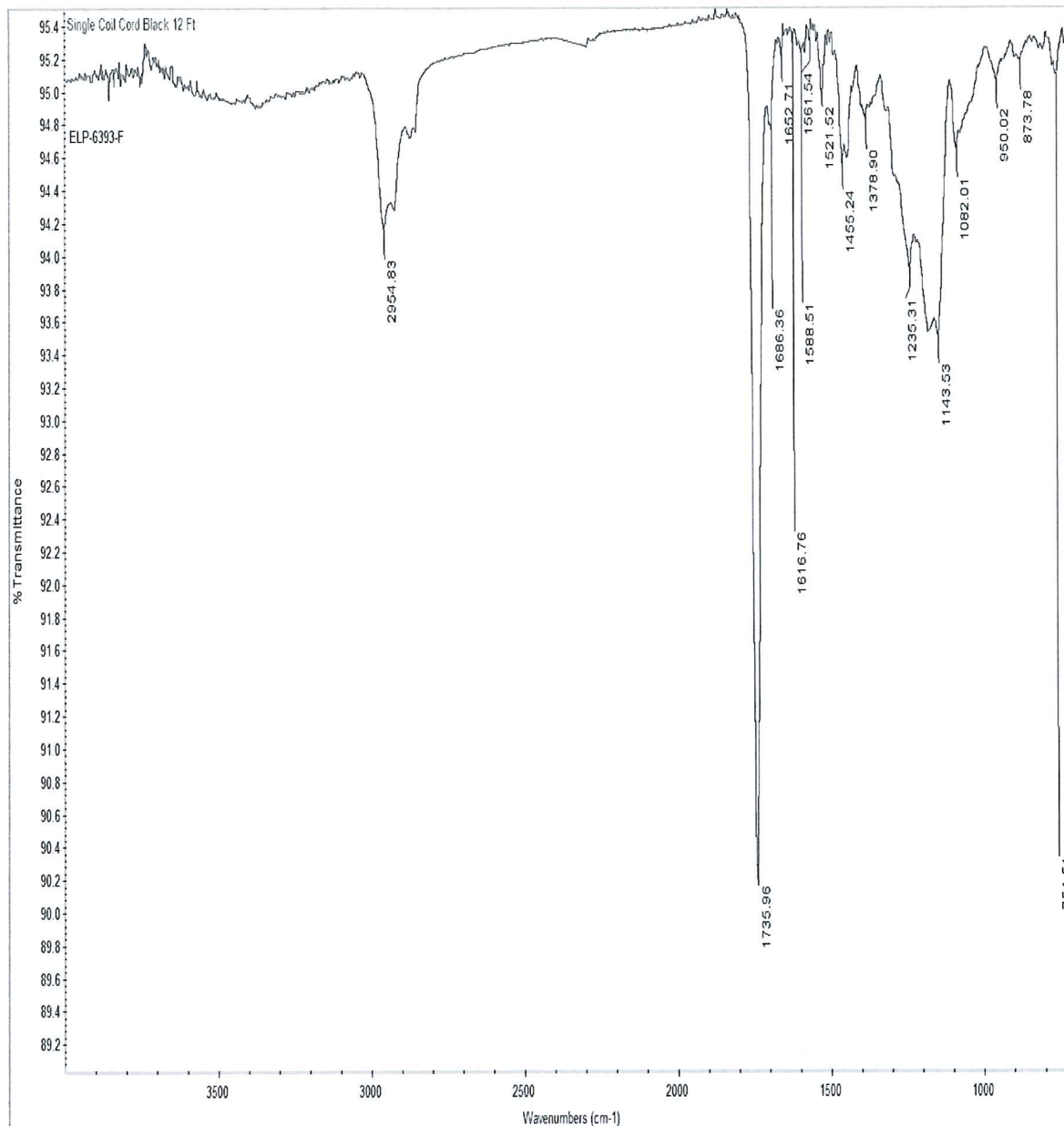
ALS Testing Services (Thailand) Co.,Ltd



(Watanee Pusatjapong)
M.Sc, B.Sc, Laboratory Manager
Approval Signature



ALS Thailand (Pathumthani)



- END OF REPORT -



%Transmittance

Single Coil Cord Black 12 Ft

ELP-6393-F

A0,5P

23/12/18



2919.75 2954.83
2869.61

1735.96

1616.76

1686.36

1652.71

1588.51

1561.54

1521.52

1455.24

1378.90

1235.31

1143.53

1082.01

950.02

873.78

754.51

3500

3000

2500

2000

1500

1000

Wavenumbers (cm⁻¹)



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DATE: 23 December 2021
COMPANY: Material Expertise Co., Ltd.
50 Moo.1 T.Klong pra udom A.Latumkaew Pathumthani 12140
DATE SAMPLE RECEIVED: 16 December 2021
DATE ANALYZED: 21 December 2021
DATE TEST COMPLETED: 23 December 2021
SAMPLE DESCRIPTION: One lot of sample was received with references:
Description: Single Coil Cord Black 15 Ft

METHOD/PROCEDURE:

Analysis	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
FTIR	2092-772141 Rev.AE, 92-004134 Rev. CH	1	n- Hexane(HPLC Grade)	30 mL

Results

This sample is no WD specification reference

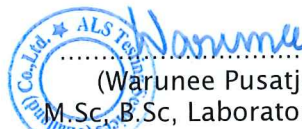
Required Test	Analyte	Specification Limits, (ng/part)	Results, (ng/part)	PASS / FAIL
FTIR	Silicone at Wave No:1260,1080,1020 & 800cm-1	NA	Not Detected	NA
	Amide	NA	Not Detected	NA
	DOP	NA	Not Detected	NA

Note: The above analysis was carried out using FTIR spectrometer equipped with a MCT detector & a VATR accessory. The instrument detection limit for silicone oil is 0.05 ug

Remark:

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ALS Testing Services (Thailand) Co.,Ltd


(Warunee Pusatjapong)
M.Sc, B.Sc, Laboratory Manager
Approval Signature



%Transmittance

Single Coil Cord Black 15 Ft

ELP-6394-F

A05P

23/12/21



Wavenumbers (cm⁻¹)

