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TEST REPORT

PRODUCT: **FT 0900X**
SUPPORT: **FLOCK**
SUBSTRATE: **TPO**
CERT NO.: **221222 - 0735**



TOYOTA TSL3505G-2
OEM Rev Date: Aug 09
Toyota Engineering Standard - Silencer Pad Materials
C1
Class 2 Regenerated Staple Fibers. Etc

TAPE REQUIREMENTS:

SECTION: 6.1 Thickness

6.1 Thickness

Specification
TBD

Results
0.986

Status
Reported

SECTION: 6.2 Density

6.2 Density

Specification
0.065 g/cm² min

Results
0.55

Status
Pass

SECTION: 6.3 Moisture Content

6.3 Moisture Content, 5 hrs @ 105°C

Specification
15 % max

Results
3.1

Status
Pass

SECTION: 6.4 Tensile Strength Test

6.4 Tensile Strength Test - MD

Specification
39 kPa

Results
737.9

Status
Pass

6.4 Tensile Strength Test - CD

39 kPa

639.0

Pass

SECTION: 6.5 Impact Resistance Test

6.5 Impact Resistance Test

Specification
35 % min

Results
10.3

Status
Pass

SECTION: 6.6 Heat Resistance Test

6.6 Heat Resistance, 1 hr @ 140°C

Specification
**No Smoking, Tackiness
or Change of
Appearance**

Results
Good, Stable, No Defects or Smoking

Status
Pass

SECTION: 6.7 Flammability

6.7 Original, Component

TSM 0500G

Specification
< 100 mm / min

Results
< B 25

Rating
NJ

Status
Pass

6.7 After 336 hr 70°C Heat Aging

< 100 mm / min

< B 25

NJ

Pass

SECTION: 6.8 Glass Fogging Test

20 hrs @ 80°C, No Cooling - 16 hrs @ RT

TSM0503G Method A

Specification
10 % max

Results
102.3

Status
Pass

SECTION: 6.9 Measurement of Sound Absorption Rate

6.9 Measurement of Sound Absorption Rate

Specification
-

Results
Not Tested

Status
Not Tested

SECTION: 6.9.1 Measuring Equipment

6.9.1 Measuring Equipment

Specification
-

Results
Not Tested

Status
Not Tested

SECTION: 6.9.2 Sound Absorption Measurement By Means of Vertical Incidence

6.9.2 Sound Absorption Measurement By Means of Vertical Incidence

Specification
-

Results
Not Tested

Status
Not Tested

SECTION: 6.10 Smell

Dry, Intensity, 1 hr @ 80°C

Dry, Pleasantness / Unpleasantness, 1 hr @ 80°C

Dry, Nature of Smell, 1 hr @ 80°C

Specification
3 max
-1.5 max

Results
2 A Little Weaker Than Standard Smell (Weak)
0 Neither Pleasant Nor Unpleasant
Burned Smell - Paper / Wood

Status
Pass
Pass
Pass

Wet, Intensity, 1 hr @ 80°C

Wet, Pleasantness / Unpleasantness, 1 hr @ 80°C

Wet, Nature of Smell, 1 hr @ 80°C

3.5 max
-2 max

1 Weaker Than Standard Smell (Barely)
0 Neither Pleasant Nor Unpleasant
Dusty Smell - Dust / Powder

Pass
Pass
Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-25

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.

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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

This laboratory is not accredited for the calibrations or tests marked *.