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**TEST REPORT**

PRODUCT: FT 0900X  
SUPPORT: FLOCK  
SUBSTRATE: PP  
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:   | Specification  | Results   | Status  |
|--|--|---|---|
| SECTION: <b>6.1 Thickness</b><br>6.1 Thickness   | <b>TBD</b>   | 0.986   | <b>Reported</b>   |
| SECTION: <b>6.2 Density</b><br>6.2 Density   | <b>0.065 g/cm<sup>2</sup> min</b>  | 0.55  | <b>Pass</b>   |
| SECTION: <b>6.3 Moisture Content</b><br>6.3 Moisture Content, 5 hrs @ 105°C  | <b>15 % max</b>  | 3.1   | <b>Pass</b>   |
| SECTION: <b>6.4 Tensile Strength Test</b><br>6.4 Tensile Strength Test - MD  | <b>39 kPa</b>  | 737.9   | <b>Pass</b>   |
| 6.4 Tensile Strength Test - CD   | <b>39 kPa</b>  | 639.0   | <b>Pass</b>   |
| SECTION: <b>6.5 Impact Resistance Test</b><br>6.5 Impact Resistance Test   | <b>35 % min</b>  | 10.3  | <b>Pass</b>   |
| SECTION: <b>6.6 Heat Resistance Test</b><br>6.6 Heat Resistance, 1 hr @ 140°C  | <b>No Smoking, Tackiness or Change of Appearance</b>   | Good, Stable, No Defects or Smoking   | <b>Pass</b>   |
| SECTION: <b>6.7 Flammability</b><br>6.7 Original, Component  | TSM 0500G<br><b>&lt; 100 mm / min</b>  | <b>Results</b><br>< B 25  | <b>Rating</b><br>NJ<br><b>Status</b><br><b>Pass</b>   |
| 6.7 After 336 hr 70°C Heat Aging   | <b>&lt; 100 mm / min</b>   | < B 25  | NJ<br><b>Pass</b>   |
| SECTION: <b>6.8 Glass Fogging Test</b><br>20 hrs @ 80°C, No Cooling - 16 hrs @ RT  | TSM0503G Method A<br><b>10 % max</b>   | <b>Results</b><br>102.3   | <b>Status</b><br><b>Pass</b>  |
| SECTION: <b>6.9 Measurement of Sound Absorption Rate</b><br>6.9 Measurement of Sound Absorption Rate   | <b>Specification</b><br>-  | <b>Results</b><br>Not Tested  | <b>Status</b><br>Not Tested   |
| SECTION: <b>6.9.1 Measuring Equipment</b><br>6.9.1 Measuring Equipment   | <b>Specification</b><br>-  | <b>Results</b><br>Not Tested  | <b>Status</b><br>Not Tested   |
| SECTION: <b>6.9.2 Sound Absorption Measurement By Means of Vertical Incidence</b><br>6.9.2 Sound Absorption Measurement By Means of Vertical Incidence   | <b>Specification</b><br>-  | <b>Results</b><br>Not Tested  | <b>Status</b><br>Not Tested   |
| SECTION: <b>6.10 Smell</b><br>Dry, Intensity, 1 hr @ 80°C<br>Dry, Pleasantness / Unpleasantness, 1 hr @ 80°C<br>Dry, Nature of Smell, 1 hr @ 80°C<br><br>Wet, Intensity, 1 hr @ 80°C<br>Wet, Pleasantness / Unpleasantness, 1 hr @ 80°C<br>Wet, Nature of Smell, 1 hr @ 80°C | <b>Specification</b><br><b>3 max</b><br><b>-1.5 max</b><br><br><b>3.5 max</b><br><b>-2 max</b> | <b>Results</b><br>2 A Little Weaker Than Standard Smell (Weak)<br>0 Neither Pleasant Nor Unpleasant<br>Burned Smell - Paper / Wood<br><br>1 Weaker Than Standard Smell (Barely)<br>0 Neither Pleasant Nor Unpleasant<br>Dusty Smell - Dust / Powder | <b>Status</b><br><b>Pass</b><br><b>Pass</b><br><b>Pass</b><br><br><b>Pass</b><br><b>Pass</b><br><b>Pass</b> |

CERTIFIED BY:   
Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-24

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 \*.