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## **TEST REPORT**

PRODUCT: FT 7540 SUPPORT: PET FOAM

SUBSTRATE: ABS

CERT NO.: 221209 - 0915

FORD ESA-M11P19-A

OEM Rev Date: Dec 13 Adhesion Requirements

Polyurethane Foam to Polypropylene - Pressure Sensitive Film



**TAPE REQUIREMENTS:** 

| 3 Stand           | ard Requirements for Production Materials |                      |           |                |               |
|-------------------|---|----------------------|-----------|----------------|---------------|
| SECTION 3.1       | Peel Strength, Plastic Membrane to Panel  | <b>Specification</b> | ASTM D903 | <u>Results</u> | <u>Status</u> |
| 3.1.1, As Receive | d   | 0.44 N / mm          |           | 0.75           | Pass          |

| SECTION 3.1       | Peel Strength, Plastic Membrane to Panel | <b>Specification</b> | ASTM D903 | <u>Results</u> | <u>Status</u> |
|-------------------|--|----------------------|-----------|----------------|---------------|
| 3.1.2, Aged, Heat | Aged, 7 days @ 88°C                      | 0.44 N / mm          |           | 1.13           | Pass          |

| SPEC:     | 3.1        | Peel Strength, Plastic Membrane to Panel | <u>Specification</u> | ASTM D903 | <u>Results</u> | <u>Status</u> |
|-----------|------------|--|----------------------|-----------|----------------|---------------|
| 3.1.2, Hu | ımidity, 7 | days @ 37°C / 95% RH                     | 0.44 N / mm          |           | 0.95           | Pass          |

| SECTION 3.2      | Peel Strength, Foam to Plastic Membrane | <u>Specification</u> | ASTM D903 | <u>Results</u> | <u>Status</u> |
|------------------|---|----------------------|-----------|----------------|---------------|
| 3.2.1. Foam to P | lastic Membrane. As Received            | No Delamination      |           | Foam Tearing   | Pass          |

| SECTION 3.3 Bond Separation   | Specification ASTM D1000             | <u>Results</u> | <u>Status</u> |
|-------------------------------|--------------------------------------|----------------|---------------|
| 3.3, 200 gram load, 1 hr @ RT | No Separation of Bond From an Actual | NT             | Not Tested    |
|                               | Production Part                      |                |               |

**CERTIFIED BY:** 

Jake Cowdrick, Automotive Application Specialist

ISSUE DATE: <u>1-1-24</u>

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

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