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## TEST REPORT

PRODUCT: HPA 1905  
SUPPORT: NITRILE VINYL FOAM  
SUBSTRATE: PP  
CERT NO.: 230103 - 0838



### CHRYSLER MS-AY-522 B TYPE 1

OEM Rev Date: Jul 06

Polyvinyl / Nitrile (PVN) Blend Semi-Open Cellular Material  
Cellular PVN with PSA

#### TEST PARAMETERS:

| SECTION:                          | TEST                             | Shrink | ASTM D3575-08* | RESULTS                               | STATUS |
|-----------------------------------|----------------------------------|--------|----------------|---------------------------------------|--------|
| SECTION: 2.1                      | Heat Aging                       |        |                |                                       |        |
| Specification:                    | < 5%                             |        |                |                                       |        |
| 2.1, Heat Aging, 30 mins @ 100° C |                                  |        | Substrate      | Stable, Less than 5% Length and Width | Pass   |
| Specification:                    | < 5%                             |        |                |                                       |        |
| 2.1, Heat Aging, 30 mins @ 100° C |                                  |        | Substrate      | Stable, Less than 5% Length and Width | Pass   |
| Specification:                    | < 5%                             |        |                |                                       |        |
| 2.1, Heat Aging, 30 mins @ 100° C |                                  |        | Substrate      | Stable, Less than 5% Length and Width | Pass   |
| Specification:                    | < 5%                             |        |                |                                       |        |
| 2.1, Heat Aging, 30 mins @ 100° C |                                  |        | Substrate      | Stable, Less than 5% Length and Width | Pass   |
| SECTION: 2.2                      | Adhesion                         |        |                |                                       |        |
| Specification:                    | No Adhesion Loss or Delamination |        |                |                                       |        |
| 2.2, Adhesion, Cycles (2X)        |                                  |        | Substrate      |                                       |        |
| 72 hrs @ 70° C                    |                                  |        | ABS            | Good, Stable, no Lifting              | Pass   |
| 24 hrs @ 38° C / 95% RH           |                                  |        |                |                                       |        |
| 72 hrs @ -40° C                   |                                  |        |                |                                       |        |
| Specification:                    | No Adhesion Loss or Delamination |        |                |                                       |        |
| 2.2, Adhesion, Cycles (2X)        |                                  |        | Substrate      |                                       |        |
| 72 hrs @ 70° C                    |                                  |        | PP             | Good, Stable, no Lifting              | Pass   |
| 24 hrs @ 38° C / 95% RH           |                                  |        |                |                                       |        |
| 72 hrs @ -40° C                   |                                  |        |                |                                       |        |
| Specification:                    | No Adhesion Loss or Delamination |        |                |                                       |        |
| 2.2, Adhesion, Cycles (2X)        |                                  |        | Substrate      |                                       |        |
| 72 hrs @ 70° C                    |                                  |        | E-COATED METAL | Good, Stable, no Lifting              | Pass   |
| 24 hrs @ 38° C / 95% RH           |                                  |        |                |                                       |        |
| 72 hrs @ -40° C                   |                                  |        |                |                                       |        |
| Specification:                    | No Adhesion Loss or Delamination |        |                |                                       |        |
| 2.2, Adhesion, Cycles (2X)        |                                  |        | Substrate      |                                       |        |
| 72 hrs @ 70° C                    |                                  |        | SS             | Good, Stable, no Lifting              | Pass   |
| 24 hrs @ 38° C / 95% RH           |                                  |        |                |                                       |        |
| 72 hrs @ -40° C                   |                                  |        |                |                                       |        |

CERTIFIED BY:

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 \*.