



The adhesive tape engineers®

| TEST REPORT | | | | | PRODUCT: | 4120U O | |
|---|---|---|-----------|-----------------|--------------|--|--------------|
| FORD WSS-M99P48-A3 JUL 2016 ≻INTERIOR, AT OR ABOVE BELTLINE | | | | TEST SUBSTRATE: | | 20% Talc-Filled Polypropylene [TFPP], ABS & TPO | |
| DOCUMENT TITLE: FOAM PERFORMANCE, PRESSURE SENSITIVE ADHESIVE TAPE WSS-M99P48-A3 (INTERIOR, EXTERIOR, CLIMATE CONTROL AND UNDERHOOD) | | | | | REPORT DATE: | 06/26/23 | |
| PARAGRAPH | | | | <u>REQ</u> | | <u>RESULTS</u> | |
| SUBSTRATE | | | | | <u>TFPP</u> | <u>ABS</u> | <u>TP0</u> ♦ |
| 3.2 | DURABILITY REQUIREMENTS AND CHARACTERIZATION OF PRODUCTION MATERIALS | | | | | | |
| | 3.2.8 | Original | 0.48 N/mm | 0.57 N/mm | 1.63 N/mm | 0.80 N/mm | |
| | | ASTM D1000, SECTION 46-53 EXCEPT REPLACE THE STEEL PANELS WITH THE INTENDED SUBSTRATE, 180 DEGREE PEEL | Minimum | | | | |
| | 3.2.8.1 | After Heat Aging Change | -25% Max | | 1.61 N/mm | 1.47 N/mm | 1.66 N/mm |
| | | At or Above Beltline [168 hours, 100 +/- 2 °C] | | | | | |
| | 3.2.8.2 | After Environmental Cycling Change | -25% Max | | 1.66 N/mm | 1.26 N/mm | 1.67 N/mm |
| | | 10 cycles, each cycle shall consist of the following: | | | | | |
| | | 4 h at 100 +/- 2 °C 4 h at 38 +/- 2 °C and 95-100% R.H. 16 h at -40 +/- 2 °C | | | | | |
| • • | | | | | | | |

♦ Solvay Sequel 1402

• Adhesive tested with 1-mil PET film applied to exposed-side of adhesive

APPROVED:

Original Test Date: 12/07/20 **Berry Global Technical Service Department**

Conditioning and Testing per FORD WSS-M99P48-A3