



250 Chester Street Painesville, Ohio 44077

Phone: 866-GO-AVERY (866-462-8379)

888-358-4469 Fax:

email: psa.tape@averydennison.com

URL: stus.averydennison.com

PRODUCT: **FT 1149X PET** SUPPORT: 2 MIL PET

SUBSTRATE:

230109 - 1048 STD CERT NO.:

GM 9985281

OEM Rev Date: Aug 03

Performance Requirements for Adhesive, Transfer Film

Table 1: Material Properties as Received Table 2: Material Properties 90 Day Aged

Low Temperature



TAPE REQUIREMENTS:

Peel Adhesion

SECTION: **ASTM D3330 Specification Results Status** 845.9 Table 1, Initial, 15 mins @ RT 535 N/m **Pass**

788.1 Table 2, 90 Day Aged @ 35°C, PET Support 420 N/m **Pass**

SECTION: Holding Power ASTM D3654 Specification Results Status Table 1, High Temp, 1000g @ 23°C, PET Support > 25 mins 514 **Pass**

Passing high temperature requirements passes low temperature 25 minute holding power as well

> 25 mins

SECTION: Liner Removal ASTM D3330 Specification Results **Status** Table 1, Initial, Room Temp 27.4 < 45 N/m **Pass** Table 2, 90 Day Aged @ 35°C 36.2 <45 N/m **Pass**

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

Table 2, 90 Day Aged @ 35°C, 1000g @ 23°C, PET Support

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.

This certificate or report shall not be reproduced except in full, without the written approval of the Avery Dennison Performance Tapes. Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

271

Pass