TEST REPORT

AVERY DENNISON

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PRODUCT: **FT F3315AZ**
SUPPORT: 2 MIL PET
SUBSTRATE: HDPE
CERT NO.: 260618 - 1035

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

HYUNDAI MS 711-12 Type A1
OEM Rev Date: 40372
Decorative Sheets (Pressure Sensitive Adhesive Baked Bonding Type) - Interior Trims
A1 - Ordinary tape for general use laminated on a resin sheet such as an ABS resin sheet, used in general purpose

TAPE REQUIREMENTS:

SECTION: **Thickness**	**Specification**	**Results**	**Status**
4.1 Thickness mm	**> 0.13 < 0.23**	0.12	**Fail**
SECTION: **Peeling Strength**			
4.4 Normal State Adhesion, 48 hrs @ RT	**1.0 kg / 25 mm**	1.50	**Pass**
4.4 Oven Aging, 168 hrs @ 80ºC	**1.0 kg / 25 mm**	1.44	**Pass**
4.5 Heat Cycle, 1x 3 hrs @ 80ºC 1 hr @ 20ºC 3 hrs @ -30ºC 1 hr @ 20ºC 15 hrs @ 40ºC / 95% RH 1 hr @ 20ºC	**1.0 kg / 25 mm**	1.56	**Pass**
4.15 Humidity, 168 hrs @ 40ºC / 95% RH	**1.0 kg / 25 mm**	1.54	**Pass**

SECTION: **Appearance**	**Specification**	**Results**	**Status**
4.4 Oven Aging, 168 hrs @ 80ºC	**No Discoloring, Peeling, Creasing, Etc.**	Stable, No Discoloring, Creasing or Peeling	**Pass**
4.5 Heat Cycle, 1x		Stable, No Discoloring, Creasing or Peeling	**Pass**
4.15 Humidity, 168 hrs @ 40ºC / 95% RH		Stable, No Discoloring, Creasing or Peeling	**Pass**

SECTION: **Staining, Swelling***	**Specification**	**Results**	**Status**
4.4 Oven Aging, 168 hrs @ 80ºC	**No Staining or Swelling On Applicable Materials**	No Staining or Swelling	**Pass**

SECTION: **Shrinkage %***	**Specification**	**Results**		
4.5 Heat Cycle, 1x, Machine Direction	**< 0.5 %**	MD % change	Not Tested	**Not Tested**
4.5 Heat Cycle, 1x, Cross Direction		CD % change	Not Tested	**Not Tested**
		Total % change	Not Tested	**Not Tested**

SECTION: **Creep Resistance***	**Specification**	**Results**	**Status**
4.17 Creep Resistance, 3 hrs @ 80ºC	**No Staining, Blistering or Appearance Changes**	Not Tested	**Not Tested**
4.17 Creep Resistance, 3 hrs @ 80ºC	**0.5 kg / 25mm**	Min Load (kg) Time (mins)	**Not Tested** **Not Tested**

SECTION: **Hazardous Substances**	**Specification**	**Results**	**Status**
	MS201-02	Not Tested - Request in IMDS	**Not Tested**

CERTIFIED BY: David Nichols II, Automotive Lab Technician

ISSUE DATE: 1-1-26

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 *.