

TEST REPORT	PRODUCT:	154M
GM9985281 – September 2015	TEST SUBSTRATE:	Stainless Steel
DOCUMENT TITLE: Adhesion Performance Requirements for Adhesive Backed Light Trim and Foam	REPORT DATE:	06/26/23

TABLE 1: MATERIAL PROPERTIES AS RECEIVED

PROPERTIES	REQUIREMENT	RESULTS	STATUS
Color [Visual Inspection]	Translucent	Translucent	PASS
Mass [GM9985281]	0.06 to 0.20 kg/m ²	0.089	PASS
Solids Content [GM9985281 Annex A]	94.5% min	99.69	PASS
Thickness of adhesive [PSTC-133]	0.09 to 0.165 mm	0.075	FAIL
Adhesion to Steel ❶ [ASTM D3330 Method E; 15M DWELL]	535 N/m width min	549 N/m	PASS
Shear Adhesion [ASTM D3654 Method A]	25 minutes @ 23°C min Low Temp	78 Minutes	FAIL
	3000 minutes @ 23°C min High Temp	78 Minutes	FAIL
Liner Release [ASTM D3330 Method D]	45 N/m width Max	5.7 N/m	PASS

TABLE 2: MATERIAL PROPERTIES 90 DAY AGED

PROPERTIES	REQUIREMENT	RESULTS	STATUS
Color [Visual Inspection]	Translucent	Translucent	PASS
Mass [GM9985281]	0.06 to 0.20 kg/m ²	0.089	PASS
Solids Content [GM9985281 Annex A]	94.5% min	99.80	PASS
Thickness of adhesive [PSTC-133]	0.09 to 0.175 mm	0.081	FAIL
Adhesion to Steel ❶ [ASTM D3330 Method E; 15M DWELL]	420 N/m width min	550 N/m	PASS
Shear Adhesion [ASTM D3654 Method A]	25 minutes @ 23°C min Low Temp	184 Minutes	FAIL
	3000 minutes @ 23°C min High Temp	184 Minutes	FAIL
Liner Release [ASTM D3330 Method D]	45 N/m width Max	5.7 N/m	PASS

❶ Peel adhesion tested with adhesive backed with 1-mil PET Film

❷ EXCEPTION: Test method specified as TAPPI 411 Modified; Thickness tested per PSTC-133

APPROVED: Original Test Date: 8/23/19
Berry Global Technical Service Department

Conditioning and Testing per GM9985281 Except as Noted