

TEST REPORT	PRODUCT:	4120U
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/m2	0.054	FAIL
Solids Content [GM9985281 Annex A]	94.5% min	99.84	PASS
Thickness of adhesive [PSTC-133]	0.09 to 0.165 mm	0.044	FAIL
Adhesion to Steel ❶ [ASTM D3330 Method E; 15M DWELL]	535 N/m width min	1535 N/m	PASS
Shear Adhesion [ASTM D3654 Method A]	25 minutes @ 23°C min Low Temp	3000+ Minutes	PASS
	3000 minutes @ 23°C min High Temp	3000+ Minutes	PASS
Liner Release [ASTM D3330 Method D]	45 N/m width Max	23.1 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/m2	0.056	FAIL
Solids Content [GM9985281 Annex A]	94.5% min	98.06	PASS
Thickness of adhesive [PSTC-133]	0.09 to 0.175 mm	0.054	PASS
Adhesion to Steel ❶ [ASTM D3330 Method E; 15M DWELL]	420 N/m width min	1734 N/m	PASS
Shear Adhesion [ASTM D3654 Method A]	25 minutes @ 23°C min Low Temp	3000+ Minutes	PASS
	3000 minutes @ 23°C min High Temp	3000+ Minutes	PASS
Liner Release [ASTM D3330 Method D]	45 N/m width Max	36.9 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

1852 Old Country Rd Riverhead, NY 11901
631-727-6000 • www.berryglobal.com