

TEST REPORT	PRODUCT:	653 ❶
GMW14892 – November 2020	TEST SUBSTRATE:	20% Talc-Filled Polypropylene (TFPP), ABS
DOCUMENT TITLE: Adhesion Requirements for Bonded Interior Parts	REPORT DATE:	06/26/23

PARAGRAPH	REQUIREMENT	TFPP RESULTS	ABS RESULTS
3 TEST PREPARATION AND EVALUATION			
3.2.3.2 180° PEEL STRENGTH; ISO 8510-2 As Received	As per table 5 in GMW14444	855 N/m	980 N/m
3.2.3.2.1 144 Hours In Humidity (95% RH and 38°C) ❷		733 N/m	1479 N/m
3.2.3.2.2 24 Hours Oven Age at 85°C Tests must be initiated at 40 ± 10 s after removal from the oven		944 N/m	789 N/m
3.2.3.2.3 (2) Cycles, GMW14124 Cycle M.		1069 N/m	1333 N/m
3.2.2.2 EDGE ADHESION After 2 Cycles per GMW14124 Cycle M.	There shall be no visual adhesion loss such as peeling, lifting, unwrapping of edge wraps, etc	PASS	PASS
3.2.4.1.3 IMPACT TEST -30°C (4 Hours) 85°C (4 Hours)	All parts must withstand two (2) 1.7 J impacts. Impact at 10 s and 20 s after being submitted to -30°C for 4 h and 85°C for 4 h	PASS	PASS

❶ Adhesive system tested backed exposed-side with 1 mil PET film.

❷ EXCEPTOIN: Samples tested as stated, not Humidity per GMW14729, Option A or Option B

APPROVED: Original Test Date:10/17/22
Berry Global Technical Service Department

Conditioning and Testing per GMW14892 except as noted