

Laboratory **Grupo Antolin India Pvt. Ltd., B-25, MIDC, Ranjangaon, Tal. Shirur, Dist. Pune, Maharashtra**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6856**

Page 1 of 2

Validity **07.02.2018 to 06.02.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

MECHANICAL TESTING

I.	AUTOMOTIVE COMPONENTS			
A.	Component Testing			
1.	Interior Parts (Plastic and Polymer Moulded Components)	Peel off strength	GAIP-LAB-TG-01 ISSUE No.01 Date of issue 24.01.2017	1 N/mm to 100 N/mm
			ASTM D 907 - 2015	
			ASTM D 903 - 2017	
			ASTM D 76 - 2016	
			CS - 9800 - 2015	
			CS - 9003 - 2017	
			DIN EN 10130 - 2007 ISO 554 - 1976	
2.	Interior Parts (Plastic and Polymer Moulded Components)	Peel off Strength after Environmental Cycling	GAIP-LAB-TG-01 ISSUE No.01 Date of issue 24.01.2017	1 N/mm to 100 N/mm
			ASTM D 907 - 2015	
			ASTM D 903 - 2017	
			ASTM D 76 - 2016	
			CS - 9800 - 2015	
			CS - 9003 - 2017	
			DIN EN 10130 - 2007 ISO 554 - 1976	
3.	Interior Parts (Fabric, PVC parts)	Color	ASTM D 2244 - 2016 GAIP-LAB-TG-02 ISSUE No. 01 Date of issue 10.01.2017	0 to 1 ΔE
4.	Interior Parts (Fabric, Plastic, Rubber parts)	Flammability	GAIP-LAB-TG-03 ISSUE No. 01 Date of issue 27.01.2017	1 mm/min to 150 mm/min
			DIN 75200 - 1980	

Laboratory **Grupo Antolin India Pvt. Ltd., B-25, MIDC, Ranjangaon, Tal. Shirur, Dist. Pune, Maharashtra**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6856**

Page 2 of 2

Validity **07.02.2018 to 06.02.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
5	Interior Parts(Plastic and Polymer Moulded Components)	Short Term Heat Long Term Heat Hot Cold Humidity Cycle Resistance to Heat Aging Resistance to Humidity Simulation in Car Environmental Aging	GAIP-LAB-TG-04 ISSUE No. 01 Date of issue 24.01.2017 ASTM D 523 - 2014	(-)40 ⁰ C to 150 ⁰ C Up to 95% RH
6.	Interior Parts(Plastic and Polymer Moulded Components, fabric, Glue, Rubber Parts)	Effort	GAIP-LAB-TG-05 ISSUE No. 01 Date of issue 10.01.2017	0.1 N to 500 N
7.	Interior Parts(PVC, Rubber parts)	Shore A Hardness	DIN 53505 - 2000 ASTM D 2240 - 2015 GAIP-LAB-TG-08 ISSUE No. 01 Date of issue 10.01.2017	Up to 90 Shore A