

TEST REPORT

Report No. : PN:TR:1354009140

DATE: 05/08/2022

CARZSPA AUTOFRESH PRIVATE LIMITED 204, SIDDHI VINAYAK PLATINUM, OPP D.MART ON VIP ROAD, NEAR KAILASHNAGAR SURAT-394220 IN

CONTACT PERSON : ANCKUR SAMA

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :SAMPLE DESCRIPTIONCRYSTALSHIELD PENTAGON 10 HOEMOTHERCOUNTRY OF ORIGININDIASAMPLE RECD ON21/07/2022TEST(S) REQUESTEDACID RESISTANCE TEST

ACID RESISTANCE TEST: ISO 2812-1:2017, Clause no. 9.3.1 (Method A)

Test condition	:		nels conditioned for 16 hrs. under standard conditions at (23 \pm 2) $^{\circ}\!C$ and relative humidity.	
	•	Poured a s the require Stand or h half-immers Immersed After the te of aqueous liquids with Evaluated Immediatel alterations	 The test conducted at (23 ± 2) °C and (50 ± 5) % relative humidity. Poured a sufficient quantity of test liquid into a suitable vessel to immerse the test panel to the required depth. Stand or hang the test piece in an approximately vertical position in the vessel, so that it is half-immersed in the test liquid. Immersed the sample for 24 hours at room temperature. After the test period has expired, wipe the test piece with a cloth. Clean off any dried residue of aqueous test liquids under running water and clean off the dried residue of any other test liquids with a solvent that does not attack the coating. Evaluated only the area which has been in direct contact with the test liquid. Immediately assess the test piece for blistering as specified in ISO 4628-2. Rate any visible alterations as specified in ISO 4628-1. The test piece allowed to equilibrate in a dry condition for 24 h & reassess the exposed area. Test liquid : Sulfuric acid solution, with a mass fraction of 10 % sulfuric acid 	
Rating scale	ale : As per ISO 4628-1;			
		Rating	Intensity of change	
		0	Unchanged, i.e., no perceptible change.	

Rating	Intensity of change
0	Unchanged, i.e., no perceptible change.
1	Very slight, i.e., just perceptible change.
2	Slight, i.e., clearly perceptible change.
3	Moderate, i.e., very clearly perceptible change.
4	Considerable, i.e., pronounced change.
5	Very marked change.

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 SGS India Private Ltd
 Transportation Laboratory, Gat No. : 624/2, Kuruli, Chakan, Taluka – Khed, Pune-410501, Maharashtra, India,



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No. of Sample

Observation

Observation as per ISO 4628-1						
Sample no.		Characteristic value	Intensity of change			
1	Immediately after the test	3	Moderate, i.e., very clearly perceptible change.			
	After 24 hours	3	Moderate, i.e., very clearly perceptible change.			

Blister rating as per ISO 4628-2							
Sample no.		Blister density	Blister size				
1	Immediately after the test	0	0				
	After 24 hours	0	0				

Test photographs :



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Note : Test performed as per the conditions given by the client.

Per pro SGS India Private Ltd.

***** End of Report*****

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Bhushan Tambe Executive

Email your Test Report Related Enquiries at Feedback.trp@sgs.com

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