



Prüfbericht - Nr.: <i>Test Report No.:</i>	IND/BLR/CH/2019/5267 ULR No.: TC568819500002673F	Seite 1 von 3 <i>Page 1 of 3</i>	
Auftraggeber: <i>Client:</i>	Proton Super abrasives, Old No.:3/New No.:8, Doraisamy Street, Visalakshi Nagar, Ekkatthuthangal, Chennai - 600 032. Tamilnadu		
Gegenstand der Prüfung: <i>Test item:</i>	Material: Car Painted Part Proklear Raw Xtreme CX Waterless Rinse less Car Wash Concentrate		
Bezeichnung: <i>Identification:</i>	-	Serien-Nr.: <i>Serial No./Document Submitted:</i>	Test Request Format
Wareneingangs-Nr.: <i>Receipt No.:</i>	04072019	Eingangsdatum: <i>Date of receipt:</i>	04.07.2019
Order No.:	166153478	Testing Period:	06.07.2019 to 09.07.2019
Prüfort: <i>Testing location:</i>	TÜV Rheinland India Pvt Ltd, Plot No.27/B, 2 nd Cross Road, Electronic City Phase I, Hosur Road, Bangalore - 560 100, Karnataka, India.		
Prüfgrundlage: <i>Test Method:</i>	Customer Requirement: Salt Fog Test as per ASTM B117-18		
Prüfergebnis: <i>Test Result:</i>	Refer Page No.2 to 3		
Prüflaboratorium/ Testing Laboratory:			
zusammengestellt/ compiled by:		kontrolliert/ checked by:	
10.07.2019	Vijetha CSE, Material Testing Laboratories, Industry Services	10.07.2019	Rajesh Jain B Technical Head - Material Testing Laboratories, Industry Services
Datum <i>Date</i>	Name <i>Name</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name <i>Name</i>
			Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects: Nil			
Abkürzungen: ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		Abbreviations: ok / P = passed fail / F = failed n.a. / N = not applicable	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. Sampling is not done by TÜVRI. Test item submitted by Client. 'Decision rule applied at 95% confidence level of measurement uncertainty with coverage factor k=2'</i>			



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TEST RESULTS

Discipline: Chemical
Product group: Corrosion Test

Test Item Description:

1	Product Description and Condition :			
	Description	: Material: Car Painted Part Proklear Raw Xtreme CX Waterless Rinse less Car Wash Concentrate		
	Condition (As Received)	: Free from Visible defects and corrosion marks when it was received.		
2	Equipment Used : Corrosion Tester			
Sl. No.	Equipment ID	Description	Make	Cal Due Date
1	40-2015-0360	Corrosion Tester	CM Enviro	22.03.2020
2	40-2014-0312	PH Meter	EUTECH Instruments	Daily calibration
3	40-2011-0238	Conductivity Meter	Hanna Instruments	Daily calibration
3	Test Conditions :			
Sl. No.	Parameter	Specification	Observations	
1	Test solution	5% NaCl Solution	5% NaCl Solution	
2	Type of Water used	Type IV water as per ASTM D1193-06(2018) standard	Type IV water as per ASTM D1193-06(2018) standard	
3	Method of preparation of the test specimen	As per Clause 6 of ASTM B117-18	Cleaned with Type IV water as per ASTM D1193-06(2018) standard	
4	Number of specimen tested	01	01	
5	Support angle of specimen	Suspended between 15 to 30° from Vertical	Suspended between 25° from Vertical	
6	Temperature at exposure zone	35°C±2°C	35°C	
7	PH of the condensate	6.5 to 7.2	6.79	
8	Concentration of Collected solution	5 ± 1%	5.15%	
9	Exposure Period	72 hour	72 hour	
10	Test Requirement and specification	ASTM B117-18	ASTM B117-18	
11	Number of Cycles	Not Applicable	Not Applicable	
12	Volume of condensate collected in measuring jar	1.5±0.5 ml per hour	1.5 ml	
13	Method of Cleaning after test	As per ASTM B117-18	As per ASTM B117-18	
14	Interruption in exposure, cause and length of time	Nil	Nil	



Certificate No. TC-5688

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4. Observation :

At the end of 24 hour exposure: Interruption to inspect the sample, 07.07.2019, 16.00 hour to 16.05 hour

- No Sign of corrosion observed on the surface of the sample.
- No Blisters, Pits are observed on the surface of the sample.

At the end of 48 hour exposure: Interruption to inspect the sample, 08.07.2019, 16.05 hour to 16.10 hour

- No Sign of corrosion observed on the surface of the sample.
- No Blisters, Pits are observed on the surface of the sample.

At the end of 72 hour exposure: End of the test, 09.07.2019, 16.15 hour

- No Sign of corrosion observed on the surface of the sample.
- No Blisters, Pits are observed on the surface of the sample.

Photo Documentation:



Before Testing



After Testing

Note: Before exposing to Salt Spray test, Sample is prepared as follows.

0.5 ml of the Proklear Raw Xtreme CX Waterless Rinse less Car Wash Concentrate to be diluted with DM Water to 100 ml. To be applied to sample painted test piece supplied by wiping and buffing after 1 minute.

----- End of Test Report -----