

Form LG.044/Rev:1/03.01.2022



TEST REPORT

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REPORT NUMBER :	TURT220046528
APPLICANT NAME :	Rainbow Polikarbonat San.Tic.A.Ş.
ADDRESS:	Kayseri OSB.Mah.20.Cad.No:33 Melikgazi/Kayseri
Attention :	Devrim Güçlü (devrim.guclu@kingfishersourcing.com)
SAMPLE DESCRIPTION :	Four sample of Canopy (Metal item)
DATE IN :	21 April, 2022 (11:31)
DATE OUT :	28 April, 2022

TEST	Sample
SALT SPRAY (FOG) (120 Hours)	NR

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED /

MA = NOT APPLICABLE/ LS: LACK OF SAMPLE This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. nor could it be used for PR activities. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at http://www.intertek.com/terms. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TURKAK accreditation requirements... Tests marked (*) in this test report are not included in the TURKAK accreditation schedule for this laboratory. Intertek accredited by TÜRKAK under registration number [AB-0716-T] for [TS EN ISO IEC 17025] as test laboratory. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Ezgi Aleyna ARI Senior Customer Care Executive

Alinh

Nida Arslanbay **Textile Laboratory Manager**

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Salt Spray (FOG) (120 Hours)

ISO 9227:2017

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Evaluation Result

Striped metal part Protection Ratings (Rp): 10 Appearance Ratings (Ra): 10

Performance Ratings: 10/10 No Change

Evaluation Result

Metal part Protection Ratings (Rp): 10 Appearance Ratings (Ra): 10

Performance Ratings: 10/10 No Change

Requirement

No Requirement

Requirement

No Requirement



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Type of coating : Not specified Salt Solution: %5 Properties of reference specimen: CR4-grade steel in accordance with ISO 3574, thickness:1 mm ± 0.2 mm and dimension: 150 mmx70 mm Mass loss of reference specimen: 66.476 g/m² Number of tested specimen: 1 Exposure Time:120 hours Volume of the collected solution: 1.6 ml/h pH of the test solution: 6.7 pH of the collected solution: 6.9 Temperature of the collected solution: 25℃ Salt Concentration of collected solution: 51 g/l Test Temperature : 35℃ Bubble tower temperature: 47℃ Method of sample supporting: Suspended Method of cleaning specimen before testing: Sample were rubbed with dry cotton cloth Method of cleaning specimen after testing : Specimens dried for 0,5 h to 1 h before rinsing then gently washed in clean running water not warmer than 40°C to remove salt deposits from sample surface, and then immediately dried in a stream of air, at an overpressure not exceeding 200 kpa and at a distance approximately 300 mm. Purity and type of the salt used: 99.9% sodium chloride Purity and type of the water used: Deionized water with a conductivity not higher than 20 µS/cm at 25 °C ± 2 °C

Classification of types of coating deterioration

A - Staining and/or colour change due to deterioration of the coating (other than that of obvious basis metal corrosion products)

B- Dulling with little or no visible corrosion of coating

C- Corrosion products from anodic coatings

D- Corrosion products from cathodic coatings

- E- Surface pitting (corrosion pits probably not extending through to the basis metal)
- F- Flaking, peeling, spalling
- G-Blistering

H- Cracking

I - Crazing

J- Crow's feet or star-shaped defects

vs= very slight amount

s= slight amount

m = moderate amount

x= excessive amount.

Rating Description:

A rating scale was used between 0 to 10. Rating 10 means 'no defect' ; Rating 0 means 'excessive amount defective area'

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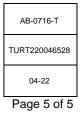
SAMPLE PHOTO

Original Sample Photo





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TESTED SAMPLE PHOTOS

@120 hours



END OF TEST REPORT

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