



Test  
TS EN ISO/IEC 17025  
AB-0716-T

AB-0716-T
TURT220046528
04-22

## 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 /  
NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

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RESULTS

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**Salt Spray (FOG) (120 Hours)**  
ISO 9227:2017

<u>Evaluation Result</u>	<u>Requirement</u>
<b>Striped metal part</b> Protection Ratings (Rp): 10 Appearance Ratings (Ra): 10  Performance Ratings: 10/10 No Change	No Requirement
<b>Metal part</b> Protection Ratings (Rp): 10 Appearance Ratings (Ra): 10  Performance Ratings: 10/10 No Change	No Requirement

**R E S U L T S**

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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  $\pm$  0,2 mm and dimension: 150 mmx70 mm

Mass loss of reference specimen: 66.476 g/m<sup>2</sup>

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°C

Salt Concentration of collected solution: 51 g/l

Test Temperature : 35°C

Bubble tower temperature: 47°C

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  $\mu$ S/cm at 25 °C  $\pm$  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 ##