

|                                                                              |                                                |
|------------------------------------------------------------------------------|------------------------------------------------|
| <b>DATOS DE LA PIEZA A CERTIFICAR:</b><br>PART DESCRIPTION                   |                                                |
| Denominación: PARAURTI ANTERIORE CON PRIMER<br>Name Front bumper with primer |                                                |
| Adaptable a: OEPL INSIGNIA (11/13->)<br>Adaptable to                         |                                                |
| Fabricado por: EUROSTAMP<br>Manufactured by                                  |                                                |
| Ref. fabricante: 101.40.9120<br>Manufacturer reference                       | Ref. Constructor: 23106391<br>O.E.M. reference |
| Nº Certificación: 16 111 16 06<br>Certification number                       |                                                |



Valorando lo resultados obtenidos en los ensayos y verificaciones a los que ha sido sometida la pieza de recambio, el dictamen final es:

Having analyzed the results of the test to which spare part has been subjected, the final decision is:

**RESULTADO DE LA PIEZA**

Spare part result



**CERTIFICADA**  
Approved



**NO CERTIFICADA**  
Fail

| 1. CONTROL DE MATERIAL<br>MATERIAL CONTROL           |                      |                                                                         |
|------------------------------------------------------|----------------------|-------------------------------------------------------------------------|
| ENSAYO<br>Test                                       | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                            |
| Tipo de material<br>Material                         | PP+EPDM              | Cumple requisitos CZ<br>It is according to requirements of CZ           |
| Espesor de la pieza (mm)<br>Part thickness           | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ           |
| Espesor armazón (mm)<br>Frame thickness              | NP                   |                                                                         |
| Espesor cierre (mm)<br>Fastener thickness            | NP                   |                                                                         |
| Masa de la pieza (Kg)<br>Weight                      | 4,911                | Consultar Informe Masa_CZ-16033-101<br>See Report (Weight_CZ-16033-101) |
| Embutición (mm)<br>Ball punch deformation test       | NP                   |                                                                         |
| Prestaciones Mecánicas<br>Impact resistance          | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ           |
| Envejecimiento Acelerado<br>Colour resistance        | NP                   |                                                                         |
| Resistencia al calor (%)<br>Heat resistance          | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ           |
| Resistencia combustible (%)<br>Fuel resistance       | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ           |
| CALIFICACIÓN DEL CONTROL DEL MATERIAL<br>Test result |                      | CONFORME<br>APPROVED                                                    |

| 2. CONTROL DE LA PIEZA (ADAPTABILIDAD E INSPECCIÓN PREVIA) |                                            |                                                                     |
|------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------|
| PART CONTROL (ADAPTABILITY PREVIOUS INSPECTION)            |                                            |                                                                     |
| ENSAYO<br>Test                                             | RESULTADO<br>Result                        | OBSERVACIONES<br>OBSERVATION                                        |
| Inspección previa<br>Previous inspection                   | Conforme<br>Approved                       | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| Tiempo de montaje (u.t)<br>Assembly time                   | 5,53                                       | Consultar informe 16033TM01-HR01<br>See report 16033TM01-HR01       |
| Proceso de trabajo<br>Assembly process                     | Similar a constructor<br>Similar to O.E.M. | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| Montaje de accesorios<br>Adaptability of Accessories       | Conforme<br>Approved                       | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| Holguras<br>Gaps                                           | Similar a constructor<br>Similar to O.E.M. | Consultar informe 16033HG01-HR01<br>See report 16033HG01-HR01       |
| Paralelismos<br>Parallelism                                | Similar a constructor<br>Similar to O.E.M. | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| Alineaciones<br>Alignment                                  | Similar a constructor<br>Similar to O.E.M. | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| Funcionalidad<br>Functional features                       | Conforme<br>Approved                       | Consultar informe 16033IP-AD01-HR01<br>See report 16033IP-AD01-HR01 |
| CALIFICACIÓN DEL CONTROL DE LA PIEZA<br>Test result        |                                            | CONFORME<br>APPROVED                                                |

| 3. CONTROL DE RECUBRIMENTOS<br>COATING CONTROL                        |                      |                                                               |
|-----------------------------------------------------------------------|----------------------|---------------------------------------------------------------|
| ENSAYO<br>Test                                                        | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                  |
| Espesor, $e_e$ ( $\mu\text{m}$ )<br>Thickness                         | NP                   |                                                               |
| Dureza<br>Hardness                                                    | NP                   |                                                               |
| Embutición (mm)<br>Ball punch deformation test                        | NP                   |                                                               |
| Corrosión roja<br>(nº horas)<br>Corrosion resistance                  | NP                   |                                                               |
| Adherencia<br>Adhesion                                                | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| Resistencia al lavado alta presión<br>High pressure resistance        | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| Resistencia del recubrimiento a los disolventes<br>Solvent resistance | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| CALIFICACIÓN DEL CONTROL DE RECUBRIMENTOS<br>Test result              |                      | CONFORME<br>APPROVED                                          |

| 4. CONTROLES ADICIONALES<br>ADDITIONAL CONTROL                       |                      |                                                                                                       |
|----------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| ENSAYO<br>Test                                                       | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                                                          |
| Material en sistemas de unión<br>Material in joining parts           | NP                   |                                                                                                       |
| Materiales de subestructuras<br>Reinforcement material               | NP                   |                                                                                                       |
| Cumple funcionalidad<br>Functional features                          | NP                   |                                                                                                       |
| Área soldada (mm <sup>2</sup> )<br>Welded area                       | NP                   |                                                                                                       |
| Distancia (mm) entre puntos soldadura<br>Distance between spots weld | NP                   |                                                                                                       |
| Puntos soldadura defectuosos<br>Quality of sports weld               | NP                   |                                                                                                       |
| Formas geométricas<br>Geometrical shape                              | Conforme<br>Approved | Sin partes puntiagudas, ni cortantes, ni susceptibles de enganches<br>Without sharp and pointed parts |
| Orientación superficies laterales<br>Lateral surface orientation     | Conforme<br>Approved | Vuelta al exterior<br>Turn over to external side                                                      |
| CALIFICACIÓN DE LOS CONTROLES ADICIONALES<br>Test result             |                      | CONFORME<br>APPROVED                                                                                  |

**5. COMPORTAMIENTO MECÁNICO EN LOS SISTEMAS DE UNIÓN**

MECHANICAL BEHAVIOUR IN SYSTEMS OF UNION

**5.1 CAPÓS**

Bonnet

| ENSAYO<br>Test                                                 | RESULTADO<br>Result | OBSERVACIONES<br>OBSERVATION |
|----------------------------------------------------------------|---------------------|------------------------------|
| Diferencia de retroceso (cm)<br>Diference in backward movement |                     |                              |
| Forma de plegado<br>Folded shape                               |                     |                              |
| Adhesivo y sellante<br>Mastic behavior                         |                     |                              |
| Cierre<br>Fastener behavior                                    |                     |                              |
| CALIFICACIÓN EN LOS SISTEMAS DE UNIÓN<br>Test result           |                     | NO PROCEDE<br>NOT APPLICABLE |

**5.2 PARAGOLPES**

Bumper

| ENSAYO<br>Test                                       | RESULTADO<br>Result                        | OBSERVACIONES<br>OBSERVATION                                  |
|------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|
| Crash-Test frontal<br>Frontal crash-test             | Similar a constructor<br>Similar to O.E.M. | Cumple requisitos CZ<br>It is according to requirements of CZ |
| Crash-Test oblicuo<br>Lateral crash-test             | Similar a constructor<br>Similar to O.E.M. | Cumple requisitos CZ<br>It is according to requirements of CZ |
| CALIFICACIÓN EN LOS SISTEMAS DE UNIÓN<br>Test result |                                            | CONFORME<br>APPROVED                                          |

**ANEXO 1 – REPORTAJE FOTOGRÁFICO DE LA ADAPTABILIDAD**

ANNEX 1 – ADAPTABILITY PHOTO DOCUMENTATION

**Muestra Constructor**

O.E.M. Part

**Muestra Fabricante**

Spare Part









