

| DATOS DE LA PIEZA A CERTIFICAR:<br>PART DESCRIPTION                                  |                                              |
|--------------------------------------------------------------------------------------|----------------------------------------------|
| Denominación: PARAGOLPES DELANTERO CON IMPRIMACIÓN<br>Name: Front bumper with primer |                                              |
| Adaptable a: CITROËN C3<br>Adaptable to                                              |                                              |
| Fabricado por: PHIRA<br>Manufactured by                                              |                                              |
| Ref. fabricante: C3-02200<br>Manufacturer reference                                  | Ref. Constructor: 7401V2<br>O.E.M. reference |
| Nº Certificación: 03 075 05 05<br>Certification number                               |                                              |



|                                                                                                                                                                                                                                                            |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <p>Valorando lo resultados obtenidos en los ensayos y verificaciones a los que ha sido sometida la pieza de recambio, el dictamen final es:<br/>Having analyzed the results of the test to which spare part has been subjected, the final decision is:</p> |                                                        |
| <p><b>RESULTADO DE LA PIEZA</b><br/>Spare part result</p>                                                                                                                                                                                                  |                                                        |
| <input checked="" type="checkbox"/> <b>CERTIFICADA</b><br>Approved                                                                                                                                                                                         | <input type="checkbox"/> <b>NO CERTIFICADA</b><br>Fail |

| 1. CONTROL DE MATERIAL<br>MATERIAL CONTROL           |                                   |                                                                                                |
|------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|
| ENSAYO<br>Test                                       | RESULTADO<br>Result               | OBSERVACIONES<br>OBSERVATION                                                                   |
| Tipo de material<br>Material                         | PP+EPDM                           | Consultar informe materialC3-02200<br>See report materialC3-02200                              |
| Espesor de la pieza (mm)<br>Part thickness           | 2,83                              | Consultar informe IE-435-05<br>See report IE-435-05                                            |
| Espesor armazón (mm)<br>Frame thickness              | NP                                |                                                                                                |
| Espesor cierre (mm)<br>Fastener thickness            | NP                                |                                                                                                |
| Masa de la pieza (Kg)<br>Weight                      | 3,475                             | Consultar informe FC-CE-018-01 (masaC3-02200)<br>See report FC-CE-018-01 (weightC3-02200)      |
| Embutición (mm)<br>Ball punch deformation test       | NP                                |                                                                                                |
| Prestaciones Mecánicas<br>Impact resistance          | Conforme<br>Approved              | Consultar informe FC-CE-029-01 (impactoC3-02200)<br>See report FC-CE-029-01 (impactC3-02200)   |
| Envejecimiento Acelerado<br>Colour resistance        | NP                                |                                                                                                |
| Resistencia al calor (%)<br>Heat resistance          | -0,9                              | Consultar informe FC-CE-031-01 (calorC3-02200)<br>See report FC-CE-031-01 (heatC3-02200)       |
| Resistencia combustible (%)<br>Fuel resistance       | Gasolina: -19,64<br>Gasoil: -4,94 | Consultar informe FC-CE-032-01 (combustibleC3-02200)<br>See report FC-CE-032-01 (fuelC3-02200) |
| 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 03075IP01-HR01/HR02<br>See report 03075IP01-HR01/HR02 |
| Tiempo de montaje (u.t)<br>Assembly time                   | 13,53                                      | Consultar informe 03075TM01-HR01<br>See report 03075TM01-HR01           |
| Proceso de trabajo<br>Assembly process                     | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075AD01-HR01<br>See report 03075AD01-HR01           |
| Montaje de accesorios<br>Adaptability of Accessories       | Conforme<br>Approved                       | Consultar informe 03075AD01-HR02<br>See report 03075AD01-HR02           |
| Holguras<br>Gaps                                           | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075HG01-HR01<br>See report 03075HG01-HR01           |
| Paralelismos<br>Parallelism                                | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075AD01-HR01<br>See report 03075AD01-HR01           |
| Alineaciones<br>Alignment                                  | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075AD01-HR01<br>See report 03075AD01-HR01           |
| Funcionalidad<br>Functional features                       | Conforme<br>Approved                       | Consultar informe 03075AD01-HR01/HR02<br>See report 03075AD01-HR01/HR02 |
| 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                                                    | 65,4                 | Consultar informe FC-CE-031-01 (calorC3-02200)<br>See report FC-CE-031-01 (heatC3-02200) |
| Embutición (mm)<br>Ball punch deformation test                        | NP                   |                                                                                          |
| Corrosión roja<br>(nº horas)<br>Corrosion resistance                  | NP                   |                                                                                          |
| Adherencia<br>Adhesion                                                | 1                    | Cumple requisitos CZ<br>It is according to requirements of CZ                            |
| Resistencia al lavado alta presión<br>High pressure resistance        | Conforme<br>Approved | Consultar informe 03075AP01-HR01<br>See report 03075AP01-HR01                            |
| 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           | PP+EPDM              | Cumple requisitos CZ<br>It is according to requirements of CZ                                         |
| Materiales de subestructuras<br>Reinforcement material               | PP+EPDM              | Consultar informe materialC3-02200<br>See report materialC3-02200                                     |
| Cumple funcionalidad<br>Functional features                          | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ                                         |
| 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<br>MECHANICAL BEHAVIOR              |                                            |                                                               |
|----------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|
| ENSAYO<br>Test                                                 | RESULTADO<br>Result                        | OBSERVACIONES<br>OBSERVATION                                  |
| Diferencia de retroceso (cm)<br>Diference in backward movement | NP                                         |                                                               |
| Forma de plegado<br>Folded shape                               | NP                                         |                                                               |
| Adhesivo y sellante<br>Mastic behavior                         | NP                                         |                                                               |
| Cierre<br>Fastener behavior                                    | NP                                         |                                                               |
| Crash-Test frontal<br>Frontal crash-test                       | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075CT01-HR02<br>See report 03075CT01-HR02 |
| Crash-Test oblicuo<br>Lateral crash-test                       | Similar a constructor<br>Similar to O.E.M. | Consultar informe 03075CT01-HR02<br>See report 03075CT01-HR02 |
| CALIFICACIÓN DEL COMPORTAMIENTO MECÁNICO<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



