

DATOS DE LA PIEZA A CERTIFICAR: PART DESCRIPTION	
Denominación: PARAGOLPES DELANTERO (CON IMPRIMACIÓN, CON AGUJEROS PARA SENSORES DE APARCAMIENTO Name: Front bumper (with primer, with holes for parking sensors)	
Adaptable a: OPEL ASTRA J (09) Adaptable to	
Fabricado por: PHIRA Manufactured by	
Ref. fabricante: ST-09230 Manufacturer reference	Ref. Constructor: 13264415 O.E.M. reference
Nº Certificación: 13 027 1303 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 MATERIAL CONTROL		
ENSAYO Test	RESULTADO Result	OBSERVACIONES OBSERVATION
Tipo de material Material	PP+EPDM	Cumple requisitos CZ It is according to requirements of CZ
Espesor de la pieza (mm) Part thickness	Conforme Approved	Cumple requisitos CZ It is according to requirements of CZ
Espesor armazón (mm) Frame thickness	NP	
Espesor cierre (mm) Fastener thickness	NP	
Masa de la pieza (Kg) Weight	4,676	Consultar informe FC-CE-018-03 (masaST-09200) See report FC-CE-018-03 (weightST-09200)
Embutición (mm) Ball punch deformation test	NP	
Prestaciones Mecánicas Impact resistance	Conforme Approved	Consultar informe FC-CE-050-02 (impactoST-09200) See report FC-CE-050-02 (impactST-09200)
Envejecimiento Acelerado Colour resistance	NP	
Resistencia al calor (%) Heat resistance	Conforme Approved	Cumple requisitos CZ It is according to requirements of CZ
Resistencia combustible (%) Fuel resistance	Conforme Approved	Cumple requisitos CZ It is according to requirements of CZ
CALIFICACIÓN DEL CONTROL DEL MATERIAL Test result		CONFORME APPROVED

2. CONTROL DE LA PIEZA (ADAPTABILIDAD E INSPECCIÓN PREVIA)		
PART CONTROL (ADAPTABILITY PREVIOUS INSPECTION)		
ENSAYO Test	RESULTADO Result	OBSERVACIONES OBSERVATION
Inspección previa Previous inspection	Conforme Approved	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Tiempo de montaje (u.t) Assembly time	11,24	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Proceso de trabajo Assembly process	Similar a constructor Similar to O.E.M.	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Montaje de accesorios Adaptability of Accessories	Conforme Approved	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Holguras Gaps	Similar a constructor Similar to O.E.M.	Consultar informe 13027HG01-HR01 See report 13027HG01-HR01
Paralelismos Parallelism	Similar a constructor Similar to O.E.M.	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Alineaciones Alignment	Similar a constructor Similar to O.E.M.	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Funcionalidad Functional features	Conforme Approved	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
CALIFICACIÓN DEL CONTROL DE LA PIEZA Test result		CONFORME APPROVED

3. CONTROL DE RECUBRIMENTOS COATING CONTROL		
ENSAYO Test	RESULTADO Result	OBSERVACIONES OBSERVATION
Espesor, e_e (μm) Thickness	NP	
Dureza Hardness	Conforme Approved	Cumple requisitos CZ It is according to requirements of CZ
Embutición (mm) Ball punch deformation test	NP	
Corrosión roja (nº horas) Corrosion resistance	NP	
Adherencia Adhesion	1	Cumple requisitos CZ It is according to requirements of CZ
Resistencia al lavado alta presión High pressure resistance	Conforme Approved	Consultar informe FC-CE-033-03 (APST-09200) See report FC-CE-033-03 (APST-09200)
Resistencia del recubrimiento a los disolventes Solvent resistance	Conforme Approved	Cumple requisitos CZ It is according to requirements of CZ
CALIFICACIÓN DEL CONTROL DE RECUBRIMIENTOS Test result		CONFORME APPROVED

4. CONTROLES ADICIONALES ADDITIONAL CONTROL		
ENSAYO Test	RESULTADO Result	OBSERVACIONES OBSERVATION
Material en sistemas de unión Material in joining parts	PP+EPDM	Cumple requisitos CZ It is according to requirements of CZ
Materiales de subestructuras Reinforcement material	PP+EPDM	Cumple requisitos CZ It is according to requirements of CZ
Cumple funcionalidad Functional features	Conforme Approved	Consultar informe 13027IP-AD01-HR01 See report 13027IP-AD01-HR01
Área soldada (mm ²) Welded area	NP	
Distancia (mm) entre puntos soldadura Distance between spots weld	NP	
Puntos soldadura defectuosos Quality of sports weld	NP	
Formas geométricas Geometrical shape	Conforme Approved	Sin partes puntiagudas, ni cortantes, ni susceptibles de enganches Without sharp and pointed parts
Orientación superficies laterales Lateral surface orientation	Conforme Approved	Vuelta al exterior Turn over to external side
CALIFICACIÓN DE LOS CONTROLES ADICIONALES Test result		CONFORME APPROVED

5. COMPORTAMIENTO MECÁNICO MECHANICAL BEHAVIOR		
ENSAYO Test	RESULTADO Result	OBSERVACIONES OBSERVATION
Diferencia de retroceso (cm) Diference in backward movement	NP	
Forma de plegado Folded shape	NP	
Adhesivo y sellante Mastic behavior	NP	
Cierre Fastener behavior	NP	
Crash-Test frontal Frontal crash-test	Similar a constructor Similar to O.E.M.	Cumple requisitos CZ It is according to requirements of CZ
Crash-Test oblicuo Lateral crash-test	Similar a constructor Similar to O.E.M.	Cumple requisitos CZ It is according to requirements of CZ
CALIFICACIÓN DEL COMPORTAMIENTO MECÁNICO Test result		CONFORME APPROVED

ANEXO 1 – REPORTAJE FOTOGRÁFICO DE LA ADAPTABILIDAD

ANNEX 1 – ADAPTABILITY PHOTO DOCUMENTATION

Muestra Constructor
O.E.M. Part

Muestra Fabricante
Spare Part







