DaimlerChrysler Ford General Motors

Part Submission Warrant



Part Name	SLV	WIR CONN FEM	1	Cust	Part Number		7283-07	24-30	
Shown on Drawing No.					Part Number		7283-0724-30		
Engineering Change Level					Date		27/06/2024		
Additional Engineering Change			N/A		Date		N/A		
Safety and/or Government Reg		Yes		chase Order	_	N/A	Weight (kg)	0,0074	
Checking Aid No.	N/A		Engineering Change Leve			N/A	Dated	N/A	
ORGANIZATION MANUFACT	·				MER SUBMITT	-			
YAZAKI EUROPE LTD	OKING IN OKWATION		323047696	NURS		AL INI OKWAI	1014		
Organization Name & Supplier									
Richard-Byrd-Strasse 4 Street Address	4-6a			Buver/B	uyer Code				
Cologne	NRW D-5	0829	Germany	FORD	•				
City	Region Posta	l Code	Country						
MATERIALS REPORTING									
Has customer-required Substa	nces of Concern informati	on been reported?			✓ Yes	☐ No	n/a		
	Submitted by IMD	S or other customer	format:		IMDS				
					IMDS ID: 8	880968112 /	6		
Are polymeric parts identified v	vith appropriate ISO markii	ng codes?			Yes	☐ No	✓ n/a		
REASON FOR SUBMISSION	(Check at least one)								
Initial submission Engineering Change(e)					otional Construdaterial Source	ction or Material		
	placement, Refurbishment	, or additional				art Processing	onango		
Correction of Discrep	•			Parts produced at Additional Location					
Tooling Inactive > tha	n 1 year			Other - please specify below					
Level 2 - Warrant with Level 3 - Warrant with Level 4 - Warrant and Level 5 - Warrant with	y (and for designated apper in product samples and limi in product samples and cor d other requirements as de in product samples and cor insional measurements	ted supporting data nplete supporting da fined by customer. nplete supporting da	submitted to customer.		cturing location.	nce criteria		statistical process package	
These results meet all drawing				Yes	☐ NO	(If "NO" - E>	xplanation Required)		
Mold / Cavity / Production Production	cess		v (3-6) / Assembly n v (19-26) / Assembl		е				
			v (27-34) / Assembl						
DECLARATION I affirm that the samples repres Manual 4th Edition Requirement I also certify that documented of EXPLANATION/COMMENTS:	nts. I further affirm that the evidence of such complian	ese samples were p	roduced at the production illable for review. I have no	rate of 7.20	0 / 8 hours.				
Is each Customer Tool properly	y tagged and numbered?			Yes	☐ No	☑ n/a			
Organization Authorized Signa	ture	Graça Ferre	eira				Date	03 March 2025	
Print Name Graç	a Ferreira		Phone No.				FAX No.		
Title QE			E-mail tdc	<u>@yazaki-</u>	europe.com				
		FOR CUS	TOMER USE ONLY (IF A	PPLICABLI	Ξ)				
PPAP Warrant Disposition:	Approved	Reject	ed Other						
Customer Signature							Date		
Print Name			(Customer Tr	acking No. (optic	nnal)			
					g . 10. (optic				



24/02/2025

Test Report

Report no.:	QKE-Z25-000043
Revision:	N

Requester					
Organization:					
Name:	Diogo Marques				

Sample Information

Date:

Request no.:

Name: SLV WIR CONN FEM Car Maker: Ford Part-Number: 7283-0724-30 PI1 Project No.: ---

Material: --Supplier: --Supplier PN: ---

Reception date: 24/02/2025

Laboratory Information

Request no.: QRE-Z25-0037

Test equipment used:see description on following pagesValid Calibration until:see description on following pagesSamples were 24h in the lab. before test:yes X no

Temperature: 20,1°C Humidity: 54,8%

Report

Prepa	ared	Appro	oved	Revision Description	Rev.
Operator	Date	Operator	Date	Revision Description	Kev.
André Silva		André Silva			
Andri Silva	28/02/2025	Andri Silva	28/02/2025	Issue	Ν
Signature		Signature			

This report cannot be reproduced, except all report, without YSE Quality written permission.

These test results are exclusively relating to the tested samples in their incoming conditions, sampling and its data are requester responsibility.



Test Report

Report no.:	QKE-Z25-000043
Revision:	N

Test 1: Dimensional analysis.

Specification: AV6N-14489-AAA, AELE E 14668602-010 of 20240627

Test date: 28/02/2025 **Part-Number:** 7283-0724-30

Performed by: André Silva

Sampling:

Number of parts: 5
Number of cavities: 4
Mold no.: PI1

Equipment Used:

Name:Microscope Nikon Inexiv - YSE-MR-0002Valid Calibration Date until:09/2025

Results:

	Nominal	Upper Tol.	Upper Limit		RESULTS (mm)			RESULTS (mm)					
Dim No.	Value			,	Cavities-Samples								
		Lower Tol.	Lower Limit	3	4	5	6-1	6-2		K			
		+0,5	16,650										
1	16,15			15,888	15,892	15,911	15,910	15,906	Χ				
		-0,5	15,650										
		+0,5	12,900										
4	12,40			12,342	12,347	12,317	12,333	12,343	Χ				
		-0,5	11,900										
_	(00.40)			07.007	07.070	07.044	07.007	07.000					
5	(28,13)			27,897	27,876	27,911	27,897	27,886					
		+0,05	8,500										
7-1	8,45			8,425	8,403	8,430	8,480	8,482	Х				
		-0,05	8,400										
		+0,05	8,500										
7-2	8,45			8,422	8,412	8,430	8,478	8,479	Χ				
		-0,05	8,400										
10	(52,80)			53,225	52,908	52,780	52,737	52,760					
		0.5	00.000										
	20.40	+0,5	38,600	27.000	20.446	27.755	27.020	27.020	v				
11	38,10	0.5	27.600	37,809	38,116	37,755	37,929	37,938	Х				
		-0,5	37,600										
13	(24,45)			24,402	24,524	24,494	24,509	24,521					
13	(24,43)			24,402	24,024	24,434	24,509	24,021					

Legend: Passed (OK) - The test results fulfill the acceptance criteria.

Failed (NOK) - The test results do not fulfill the acceptance criteria.

End of Report



Test Report

Report no.	: QKE-Z25-000046

Ν

Revision:

Req	uester
-----	--------

Organization: YSE-M

Name: Diogo Marques
Date: 24/02/2025

Request no.: ---

Sample Information

Name:SLV WIR CONN FEMCar Maker:FordPart-Number:7283-0724-30 PI2Project No.:---

Material: --Supplier: --Supplier PN: ---

Reception date: 24/02/2025

Laboratory Information

Request no.: QRE-Z25-0038

Test equipment used: see description on following pages Valid Calibration until: see description on following pages Samples were 24h in the lab. before test: yes X no

Temperature: 20,1°C Humidity: 54,8%

Report

Prepa	ared	Appro	oved	Dovinian Description	Dou
Operator	Date	Operator	Date	Revision Description	Rev.
André Silva		André Silva			
Andri Silva	28/02/2025	Andri Silva	28/02/2025	Issue	N
Signature		Signature			

This report cannot be reproduced, except all report, without YSE Quality written permission.

These test results are exclusively relating to the tested samples in their incoming conditions, sampling and its data are requester responsibility.



Test Report

Report no.:	QKE-Z25-000046
Revision:	N

Test 1: Dimensional analysis.

Specification: AV6N-14489-AAA, AELE E 14668602-010 of 20240627

Test date: 28/02/2025 **Part-Number:** 7283-0724-30

Performed by: André Silva

Sampling:

Number of parts: 8
Number of cavities: 8
Mold no.: Pl2

Equipment Used:

Name: Microscope Nikon Inexiv - YSE-MR-0002
Valid Calibration Date until: 09/2025

Results:

	Nominal	Upper Tol.	Upper Limit				RESUL	TS (mm)				0	Ν
Dim No.	Value						Cav	rities				K	0
		Lower Tol.	Lower Limit	19	20	21	22	23	24	25	26		K
		+0,5	16,650										
1	16,15			16,028	15,972	16,016	16,029	16,043	16,047	16,005	16,021	Х	
		-0,5	15,650										
		+0,5	12,900										
4	12,40			12,340	12,371	12,356	12,401	12,371	12,404	12,461	12,373	Χ	
		-0,5	11,900										
5	(28,13)			28,154	28,121	28,099	28,150	28,116	28,044	28,088	28,160		
		+0,05	8,500										
7-1	8,45			8,471	8,450	8,478	8,495	8,480	8,417	8,413	8,456	Х	
		-0,05	8,400										
		+0,05	8,500										
7-2	8,45			8,471	8,451	8,478	8,488	8,486	8,420	8,429	8,452	Х	
		-0,05	8,400										
10	(52,80)			52,833	52,712	52,721	52,932	52,776	52,797	52,990	52,611		
													Ш
		+0,5	38,600										
11	38,10			38,044	38,056	37,957	37,927	37,935	38,074	38,064	38,078	Х	
		-0,5	37,600										Ш
13	(24,45)			24,485	24,474	24,492	24,357	24,444	24,438	24,449	24,465		

Legend: Passed (OK) - The test results fulfill the acceptance criteria.

Failed (NOK) - The test results do not fulfill the acceptance criteria.

End of Report



Diogo Marques

24/02/2025

Test Report

Report no.:	QKE-Z25-000049

-	-	Revision:	N
Requester			
Organization:	YSE-M		

Request no.: ---

Name:

Date:

Sample Information

Name: SLV WIR CONN FEM Car Maker: Ford Part-Number: 7283-0724-30 PI3 Project No.: ---

Material: --Supplier: ---

Reception date: 24/02/2025

Supplier PN: ---

Laboratory	/ Information

Request no.: QRE-Z25-0039

Test equipment used: see description on following pages Valid Calibration until: see description on following pages Samples were 24h in the lab. before test: yes X no

Temperature: 20,1°C Humidity: 54,8%

Report

Prepared		Approved		Povinion Description	Rev.
Operator	Date	Operator	Date	Revision Description	
André Silva		André Silva			
Andri Silva	28/02/2025	Andri Silva	28/02/2025	Issue	N
Signature		Signature			

This report cannot be reproduced, except all report, without YSE Quality written permission.

These test results are exclusively relating to the tested samples in their incoming conditions, sampling and its data are requester responsibility.



Test Report

Report no.:	QKE-Z25-000049		
Revision:	N		

Test 1: Dimensional analysis.

Specification: AV6N-14489-AAA, AELE E 14668602-010 of 20240627

Test date: 28/02/2025 **Part-Number:** 7283-0724-30

Performed by: André Silva

Sampling:

Number of parts: 8
Number of cavities: 8
Mold no.: P13

Equipment Used:

Name: Microscope Nikon Inexiv - YSE-MR-0002
Valid Calibration Date until: 09/2025

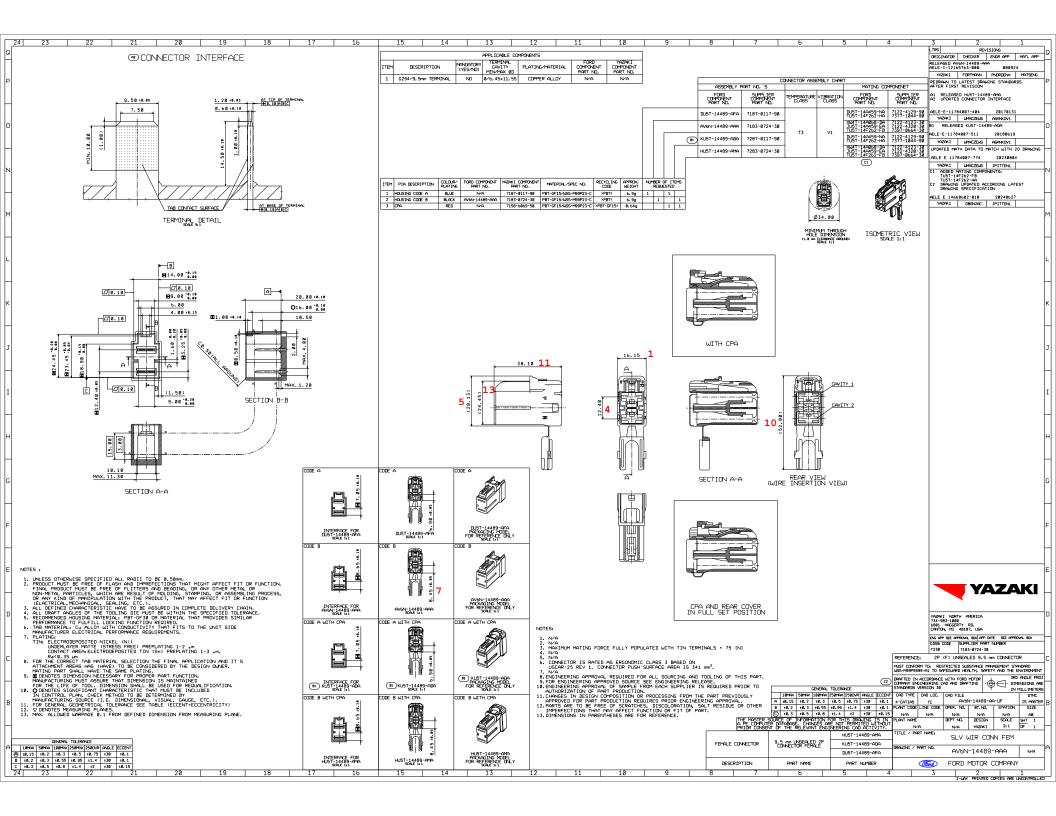
Results:

	Nominal Upper Tol. Upper Limit RESULTS (mm)						0	Ν					
Dim No.	Value			Cavities			ì	K	0 <i>K</i>				
		Lower Tol.	Lower Limit	27	28	29	30	31	32	33	34		
		+0,5	16,650										
1	16,15			16,016	16,015	16,014	16,006	16,011	16,003	15,996	16,006	Х	
		-0,5	15,650									Ш	
		+0,5	12,900										
4	12,40			12,330	12,348	12,343	12,337	12,354	12,350	12,336	12,349	Х	
		-0,5	11,900										
5	(28,13)			28,009	28,043	28,026	28,034	28,041	28,069	28,112	28,052		
		+0,05	8,500										
7-1	8,45			8,472	8,402	8,418	8,490	8,467	8,453	8,456	8,412	Х	
		-0,05	8,400										
		+0,05	8,500										
7-2	8,45			8,471	8,408	8,419	8,485	8,470	8,452	8,453	8,415	Χ	
		-0,05	8,400										
10	(52,80)			52,647	52,693	52,682	52,832	52,777	52,719	52,773	52,728		
		+0,5	38,600										
11	38,10			37,851	37,894	37,867	37,759	37,891	37,879	37,897	37,882	Χ	
		-0,5	37,600										
13	(24,45)			24,357	24,406	24,409	24,398	24,381	24,390	24,396	24,409		
									·				

Legend: Passed (OK) - The test results fulfill the acceptance criteria.

Failed (NOK) - The test results do not fulfill the acceptance criteria.

End of Report



Certificate of Analysis

Certificate Type:

Insp. certificate "3.1" EN

10204

Date printed: AUG/22/2024



RLC LOMMEL

GERARD MERCATORSTRAAT 90

Limburg 3920 LOMMEL

Belgium

Shipped from details:

SABIC INNOVATIVE PLASTICS B.V.

PLASTICSLAAN 1

4612 PX

BERGEN OP ZOOM

Netherlands

Material Number 22087568

Material Description VAC3001N-BK1066-OCE-00-00-00

Material Group

VALOX™ resin

Batch Number

0034002739

Manufacturing Plant

Bergen op Zoom

Manufacturing Date

JUL/24/2024

Sales Order

4909013

Delivery

807425057

Customer PO Number

10436516

Characteristic	Unit	Value	Lower Limit	Upper Limit	Inspection method
FLEXURAL MODULUS, 4.0MM	MPa	1990,0	1900,0	15000,0	ISO 178
FLEX STRENGTH @YIELD, 4.0MM	MPa	78,6	65,0	330,0	ISO 178
MVR 250°C @1.2KG	CC/10'	17,6	15,0	25,0	ISO 1133
TENSILE STRENGTH @YIELD	MPa	50,8	45,0	260,0	ISO 527-2
VICAT 120°C/HR 50N	°C	175,0	150,0	230,0	ISO 306/B120

It is hereby stated that the material above has been found in accordance with the conditions and requirements of our standard/agreed quality specification.

General Note: This document is computer generated and does not require a signature. SABIC documents the authorized representatives and their independence necessary to release its products, according to the regulatory requirements. Contact information can be found on www.SABIC.com.

DISCLAIMER: THE MATERIALS, PRODUCTS AND SERVICES OF SAUDI BASIC INDUSTRIES CORPORATION (SABIC) OR ITS SUBSIDIARIES OR AFFILIATES ("SELLER") ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH ARE AVAILABLE UPON REQUEST. INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS DOCUMENT ARE GIVEN IN GOOD FAITH. HOWEVER, SELLER MAKES NO EXPRESS OR IMPLIED REPRESENTATION, WARRANTY OR GUARANTEE (i) THAT ANY RESULTS DESCRIBED IN THIS DOCUMENT WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN OR APPLICATION INCORPORATING SELLER'S MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS. UNLESS OTHERWISE PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS DESCRIBED IN THIS DOCUMENT. Each user is responsible for making its own determination as to

Certificate of Analysis

Certificate Type:

Insp. certificate "3.1" EN

10204

Date printed: AUG/22/2024



RLC LOMMEL
GERARD MERCATORSTRAAT 90
Limburg
3920
LOMMEL
Belgium

Shipped from details:

SABIC INNOVATIVE PLASTICS B.V. PLASTICSLAAN 1 4612 PX

BERGEN OP ZOOM

Netherlands

the suitability of Seller's materials, products, services or recommendations for the user's particular use through appropriate end-use and other testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. Statements by Seller concerning a possible use of any material, product, service or design do not, are not intended to, and should not be construed to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of any material, product, service or design in a manner that infringes any patent or other intellectual property right. SABIC and brands marked with ™ are trademarks of SABIC or its subsidiaries or affiliates.

© 2015 Saudi Basic Industries Corporation (SABIC). All Rights Reserved.

† Any brands, products or services of other companies referenced in this document are the trademarks, service marks and/or trade names of their respective holders.

*** End ***



To: DOHM OPERADOR LOGISTICO TRAVESSA DE GONDINHAES 4415-207 PEDROSO, VILA NOVA DE GAIA **PORTUGAL**

e-mail: biesterfeld@dohm.pt

EM Certification Department Celanese Corporation 222 W Las Colinas Blvd, Irving, TX 75039

Inspection Certificate EN 10204-3.1

CRASTIN® SK602 NC010 1000 KG OCTABIN PCG POLYESTER RESIN

2804705 Customer No.: Material No.: 27042280 **Customer Material:** 5902740000

Produced on: 05 Sep 2024 Cert Issue Date: Qty Shipped: Order Item:

13 Nov 2024 20.000,000 KG 3020996 30

Delivery item/date:

89831838 900002 / 27 Sep 2024

Customer PO No.: 4500935477

Batch 0002065849

On the batch, of which the consignment is a part, the following values were determined.

Characteristic	Method	UoM	Value	Limits
Water Content Ash Content	(DIN ISO 15512) (ISO 3451)	%(m) %(m)	0,03 14.6	max. 0,10 13.0 - 17,0
Melt Visc. (scanning)@1000/s	(ISO 11443)	Pascal sec	199	160 - 260

POLYESTER Global Business Line

Avient Colorants Italy Srl Via Bergamo, 51/67 I-23807 Merate (LC) Tel: ++39 02 99181



Yazaki Saltano de Ovar, P.E.,Lda Zona Industrial Ovar Avda. D. Manuel I 3880-109 OVAR PORTUGAL

Certificado de Conformidade

ISO/IEC 17050-1:2004

Seu pedido de 27.08.2024

Pedido Nº : 5500267885

Material : Renol Vermelho NB33050178-XT

Material Nº : MAAF0065

Nossa compra de 12.09.2024

Entrega Nº : 53849389 / 900001

Pedido : 15859012

Material : Renol Vermelho NB33050178-XT

 Material N°
 : NB33050178

 Lote N°
 : ITNA485403

 Standard
 : ITMA212024

O produto descrito acima está conforme, até a data 12.09.2024 de validade, Especificação Técnica para

Renol Vermelho NB33050178-XT

05.09.2024

This certificate was printed by a protected system and is not to be signed.