

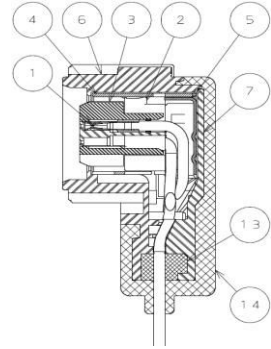


Product/Process Change Notification [F-44.04]

PCN number	EU466
Issue date	2026.9.24
Submission date	2026.9.24
Change implementation date	2027.1.1
Production Site	JAE Philippines Inc
Type of change	Other (please specify)
Reason of change	Other (please specify)
Type of improvement	Other (please specify)
Change description	Change of glue additives for hot melt
Current cavities numbers / units number	N/A
New cavities numbers / units number	N/A
Affects	Material



Product/Process Change Notification [F-44.04]

PCN number	EU466
PPAP availability date	2027.1.1
Samples availability date	2026.9.1
Target Implementation date (first shipment)	TBD
Identification of first shipment	TBD
Disposition of old product	N/A
Other pending PCNs	N/A
JAE production site responsible person	Yoshitaka Oya
Additional comments	The Glue is used in the Hotmelt for the outer housing, shown as Item 14 in the diagram: 

[illegible]

[illegible]

Affects:
Function
Material
Process change
Appearance
Drawing/Dimensions
Capacity
Packaging
Manufacturing location
Test/inspection method
Components source
Safety
Supply Condition
Other (please specify)

Reason of change:
Capacity improvement
Leadtime improvement
Cost improvement
Product quality improvement
Product function improvement
Material obsolescence
Sub-supplier obsolescence
Regular replacement in line with the TPM
Other (please specify)

Type of improvements
Cost
Quality
Delivery
Logistics
Maintenance
Equipment upgrade
Other (please specify)

Type of Change
Additional
Replacement
Location change
Design change
Refurbishment
Process change
Other (please specify)

Prodcution side
JAE Hirosaki Ltd
JAE Yamagata Ltd

JAE Taiwan Ltd
JAE Wuxi Co. Ltd
JAE Philippines Inc
JAE Oregon Inc
JAE Tijuana S.A. de C.V.
JAE Wujang Co. Ltd

[illegible]

GM-955-R02 添加剤変更について

2025年12月25日

東洋紡エムシー株式会社
バイロン・ハードレン営業セクション
電子材料営業ユニット
野崎

Strictly Confidential



変更点

	現行 GM-955-R02	新規 GM-955-R02改
添加剤処方	添加剤 A	添加剤 A
	添加剤 B	添加剤 B
	添加剤 C (廃番)	添加剤 D (代替)

※ベースポリエステルの変更はございません。

評価結果

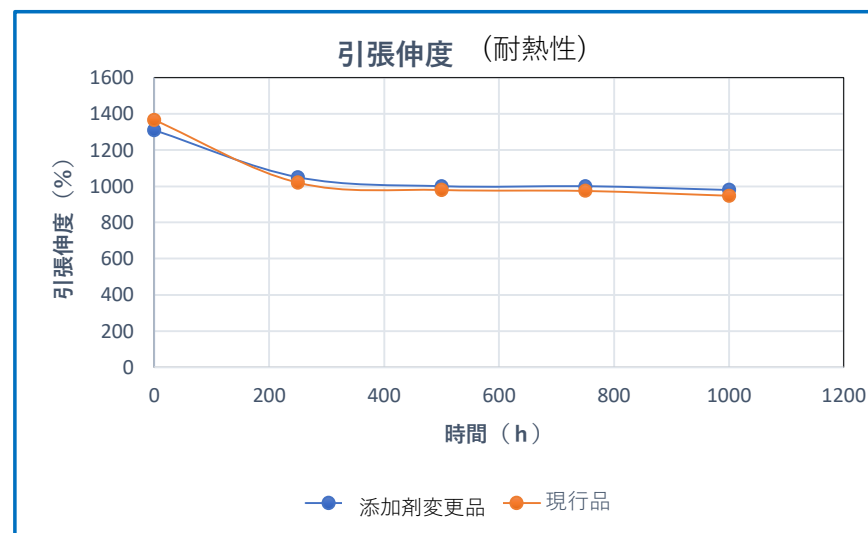
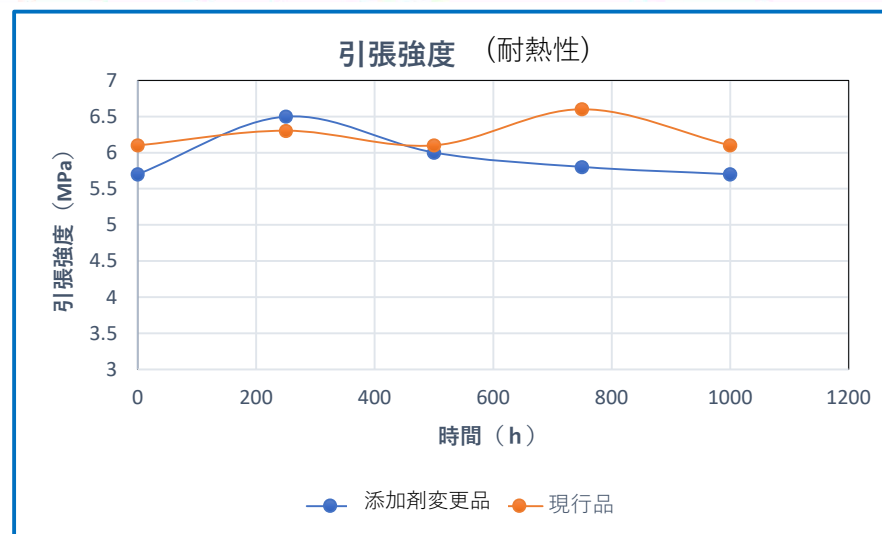
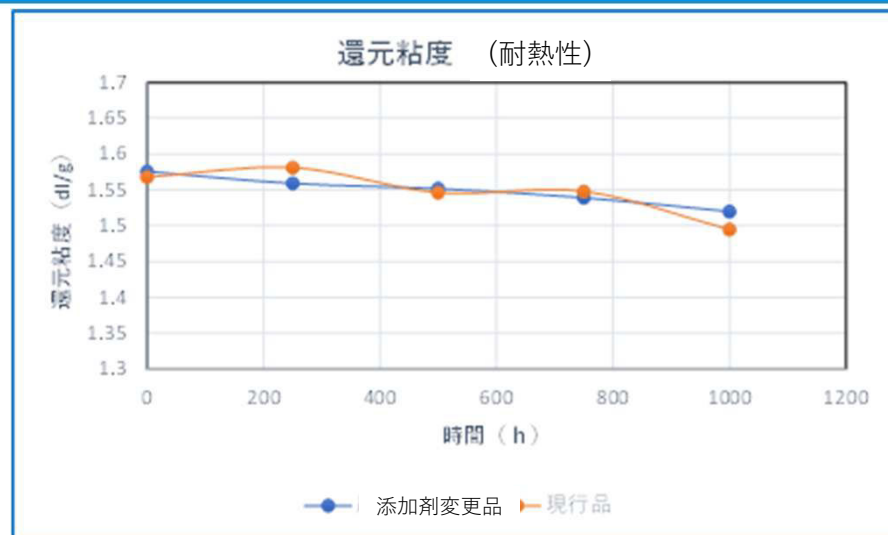
評価項目	測定方法	GM-955-R02 Lot No. 1L0812	GM-955-R02改 Lot No.2C1712
比重[—]	東洋紡法	1.052	1.057
溶融粘度[mPa・s/200℃]	東洋紡法	46600	47600
水分率[ppm]	東洋紡法(カルフィッシャー法)	630	500

評価項目	測定方法	GM-955-R02 Lot No. 1L0812	GM-955-R02改 Lot No.2C1712
還元粘度[dl/g]	東洋紡法	1.57	1.58
ショアA[—]	東洋紡法	69	68
体積抵抗[Ω・cm]	ASTM D257	2.8E+12	1.1E+12
引張強度[MPa]	JIS K6251	6.1	5.7
引張伸度[%]	JIS K6251	1370	1310

※上記数値は弊社研究所測定値であり、保証値ではございません。

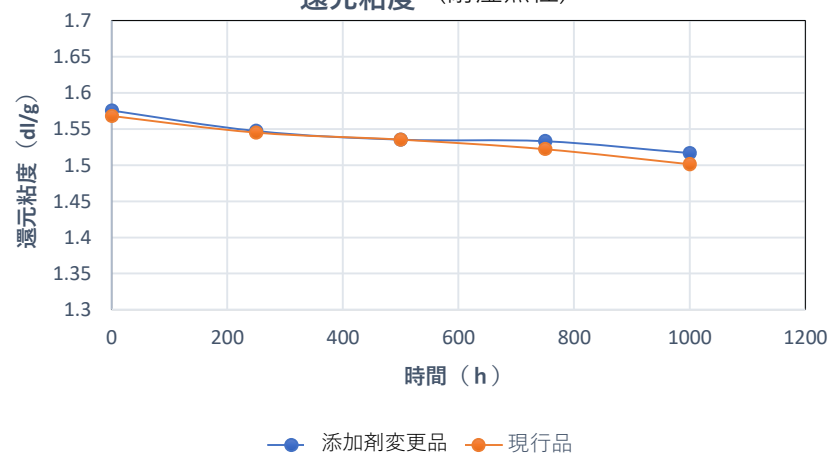
耐熱性(105℃)

※グラフは弊社研究所測定値であり、保証値ではございません。 東洋紡エムシー株式会社

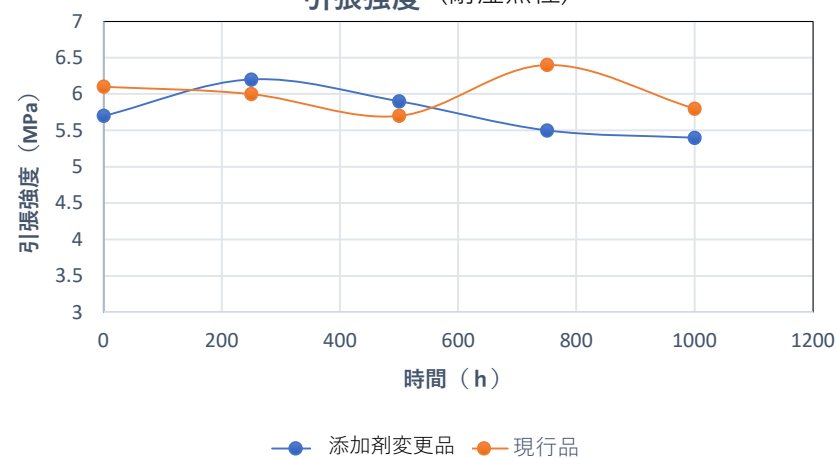


耐湿熱性(85℃×85%RH) ※グラフは弊社研究所測定値であり、保証値ではございません。東洋紡エムシー株式会社

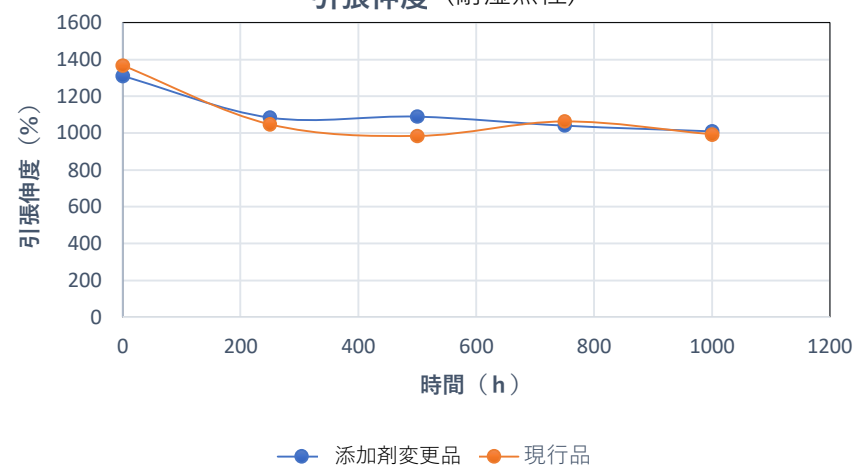
還元粘度 (耐湿熱性)



引張強度 (耐湿熱性)



引張伸度 (耐湿熱性)



TOYOBO 東洋紡エムシー株式会社

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		Deviation Request Form		DR-26007	
		Part Description	MX65 series connector		
		Date of request:	Donnerstag, 24. September 2026		
		Project	MX55 series connector		
Customer Data		JAE Data			
Customer name:	TTI	JAE Requestor:	JAE Europe Ltd		
Customer site:		JAE Manufacturing Location:	JAE Philippines		
Customer contact:	Nina Sulimeenko	Manufacturing Quality contact:	Oya Yoshitaka		
e-mail address:	Nina.Sulimenko@de.ttiinc.com	JAE-EU Program Manager:	Daniel Clark		
Phone number:	49 8142 6680 - 709	JAE-EU Quality Manager	Grant Trowbridge		
Part Identification					
Part designation:	MX55A04C0015863	Supplier part number:	JAE part number(s): CBM-194392	Revision level:	
				Project code:	
Non Conformity Description					
Reason for the deviation?	To allow production and shipment of parts prior to completion of age testing & PPAP approval.				
Description of Deviation	The adhesive GM-955-R02 used for the Hot Melt process has received a change in one of the additives used; changing from IMDS ID 195427192/2 to 1468757609/1. We request advanced approval to supply parts manufactured using the revised adhesive whilst approvals are received (tracked under JAE PCN no. EU466). The differences are shown in report "JAE_Additive material data comprison_260318".				
What is the standard?	PPAP approval in advance of shipping parts to customer				
What are the risks involved by deviating?	Potential affect to the hot melt process during manufacture. Risk is considered very low as the alternative adhesive is the direct replacement by the adhesive manufacturer. All parts produced are waterproof tested during EOL test.				
What will be done by the supplier to mitigate the risks?	Parts are tested to ensure compliance to specifications				
Has this deviation request been submitted before?	NO	If Yes, was the deviation previously refused?			
Is this deviation a request to extend an on-going/expired deviation?	NO				
Deviation start date:	24.Sep.26	Deviation expiration date:	Upon approval of PCN EU466		
Quantity of parts to be authorised :	N/A	Batch identification:			
Containment Actions					
Description of the containment actions :					
None required. Cable assembly is tested to the same specification as original parts.					
Corrective Actions					
Description of the corrective actions: What will be done by the supplier to return to normal?		Who	Due Date:		
PCN EU466 to be approved via signed PSW by all suppliers with open orders for affected parts.		Simone Watson	TBC		
-		-	-		
-		-	-		
-		-	-		
Supplier representative sign off		Declaration			
Title:	Quality Manager (JAE Europe Ltd)	The Supplier representative hereby declares that the elements detailed above support fully the deviation request.			
Name:	Grant Trowbridge				
Date:	24.09.2026				
Signature:	#WERT!				
Customer sign off		Declaration			
Company name:		The Customer representative hereby accepts the deviation criteria.			
Title:					
Name:					
Date:					
Signature:					