Product Change Notification

Date Issued :	October 06, 2026	**PCN Number :**	518883
Reason for Change :	Change Supplier		
Description of Change :	Resin PN 1302190096 has changed, and its color is no longer transparent but natural. As a result, it can no longer be used for the same purpose as before. For this reason, we propose using the same resin currently used at the Poland plant, PN 0899920918.		
Reason for Short Notice :	Special Request		
Assessment of Change :	No change to parts - Form/Fit/Function		
Planned Implementation Date :	February 19, 2027		
Customer Sample Availability Date:	November 13, 2026		
Last date to request Samples by Customer :	November 02, 2026		

Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples.

Traceability Code Markings / Date :	No special marking on the product or packaging

- **BEFORE**

Part Number	Description
1302190096	ESTANE (PUR) NATURAL

AFTER

Part Number	Description
899920918	TPU NATURAL UL94HB

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Overview

- Resin PN 1302190096 has changed color from transparent to natural. Therefore, it already meets the required characteristics.For this reason, we propose using resin PN 0899920918, which is transparent.
-
- Product Impact
  - "No impact to fit, form or function"
- Part Number Impact
  - See attached list
- PCN will be implemented once all required qualification / validation has been completed, and all necessary approvals have been obtained

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1302190096

Lubrizol ESTANE® ZHF 90AT8H NAT 02

Technical Data Sheet

Type: ESTANE® ZHF 90AT8H NAT 02 is a non-halogen, flame retardant, aromatic polyether-based thermoplastic polyurethane.

Application: Extrusion

Physical Properties	Value (Metric)	Unit	Test Method
Hardness	A/1: 87	Shore A	ISO 868
Specific Gravity	1.21	g/cm³	ISO 1183
Tensile Strength	28	MPa	ISO 527-200
Ultimate Elongation	500	%	ISO 527-200
Tensile Stress at:			
- 100 % Elongation	7	MPa	ISO 527-200
- 300 % Elongation	10	MPa	ISO 527-200
Abrasion Loss	36	mm³	ISO 4649-A
Tear Strength nicked	53	kN/m	ISO 34-1B

• Based on extruded strips
• Prior to testing samples were conditioned at 23°C for 48 hours
• Listed values are "typical (average) values" and should/cannot be applied for specification purposes.

Application Specific Properties	Value (Metric)	Unit	Test Method
UL Flame Rating	V0-0.8 mm	-	UL-94
LOI	25	%	ASTM D-2863
UL Temperature rating	105	°C	UL-1581
Smoke Density (0.75 mm)	TBD	Flaming DM Non flaming DM	ASTM E662

Material Preparation

• Prior to processing, **ESTANE® ZHF 90AT8H NAT 02** must be dried at 100°C for 4 hours.
• It is recommended to dry the material in a vacuum or dehumidifying type dryer. Target dew point should be -40°C.
• Depending on the applied processing technique, the maximum moisture level should be 0.02%.

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0899920918

General Productinformation
Elastollan® 11 95 A 10
Elastollan® BMB 11 95 A 10

® = registered trademark of BASF Polyurethanes GmbH

BASF
We create chemistry

Characteristic:
Thermoplastic Polyether-Polyurethane with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms.

The product can also be offered as BMBcert™. Due to the Massbalance approach the product properties do not change.

Property	Unit	Value	Test method according to
Hardness	Shore A	**96**	DIN ISO 48-4 (3s)
Hardness	Shore D	**48**	DIN ISO 48-4 (3s)
Density	g/cm³	**1,15**	DIN EN ISO 1183-1-A
Tensile strength	MPa	**55**	DIN 53504-S2
Elongation at break	%	**500**	DIN 53504-S2
Stress at 20% elongation	MPa	**6**	DIN 53504-S2
Stress at 100% elongation	MPa	**10**	DIN 53504-S2
Stress at 300% elongation	MPa	**18**	DIN 53504-S2
Tear strength	kN/m	**100**	DIN ISO 34-1Bb
Abrasion loss	mm³	**35**	DIN ISO 4649-A
Compression set 23°C / 72 hours	%	**30**	DIN ISO 815-1
Compression set 70°C / 24 hours	%	**45**	DIN ISO 815-1
Tensile strength after storage in water at 80°C for 42 days	MPa	**37**	DIN 53504-S2
Elongation at break after storange in water at 80°C for 42 days	%	**500**	DIN 53504-S2
Notched impact strength (Charpy) at +23°C	kJ/m²	**no break**	DIN EN ISO 179-1
Notched impact strength (Charpy) at -30°C	kJ/m²	**no break**	DIN EN ISO 179-1
Burning behaviour		**HB**	UL 94

The plaques are manufactured by injection moulding from pre-dried granules (water content less 0,02%). Test plaques are aged 20 hrs at 100°C. Specimens are cut from 2 or 6 mm test plaques. The test conditions: 23°C ± 2°C and 50% ± 6% rel. humidity.

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PCN Qualification and Validation Plan

- Below is the List of Part Numbers will be used for internal qualification & validation purposes.
- Samples and Qualification data will be provided upon request.

1200670066 1200870658

You may address inquires regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:518883
or contact your Local Sales Engineer.

Note: While responding, please retain " **PCN Notification: 518883** " in the e-mail Subject line for faster response.

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