molex
Product Change Notification

Date Issued :	December 02, 2022	**PCN Number :**	512872

Reason for Change :	Change Supplier
Description of Change :	This notification is to inform about addition of 899922394 resin (Grade Name: SK Chemicals Skypura 7121F Black) as additional source for 70537 Series. The main reason to add 899922394 resin is to assure the supply of 70537 Series. No changes will be made to product as part of this change.
Reason for Short Notice :	Special Request
Assessment of Change :	First Article Inspection
Planned Implementation Date :	January 31, 2023
Sample Availability Date:	December 07, 2022
Internal Molex Qualification Date :	December 14, 2022
Last date to request Samples by Customer :	January 09, 2023
Traceability Code Markings / Date :	Lot information on label

Before Picture

Overview

- Glass Fiber and Flame Retardants raw materials tight supply/shortage at North America is impacted to current 899920227 Resin supply.

- Pls refer below raw material shortage statement in page 45 of attachment:

  Surcharges for glass fiber shortages, flame retardant shortages are a big problem in the compounded resin market in December for nylon and the shortages caused by the force majeures in the glass fiber industry is forecast to linger in 2022.

  Adobe Acrobat Document

- Pls also refer below FM Letter from Celanese:

  Adobe Acrobat Document   Adobe Acrobat Document

- PCN# 511584 raised for 70536 Series which added for same resin.

After Picture

Overview

- The purpose of this letter is to add 899922394 resin (Grade Name: SK Chemicals Skypura 7121F Black) as additional source for 70537 Series. The main reason to add 899922394 resin is to assure the supply of 70537 Series. Besides, Glass Fiber and Flame Retardants raw materials tight supply/shortage at North America is impacted to current 899920227 Resin supply.

Part Number	Before	After
70537 Series	899920227 Celanese	899920227 Celanese 899922394 SK Chemicals

- Molex Malaysia Part Number(s) Affected: Refer to attached for the impacted parts

- Product Impact
  — This change is to ensure continuity of supply for customers, Molex is adding a second source for the resin for our Project Unity housings. The new resin option is a PCT, just as the existing resin. The new resin has the same or better electrical and physical ratings that the resin currently in use and there should be no noticeable visual differences between either resin. Molex may use either resin in future production. Samples are available upon request.

- PPAP and samples available upon request.

RELEASED

Additional Information :

CFD: **Supplier Change Resins**

(Describes a change in Resins/Metals)

Before

- Glass Fiber and Flame Retardants raw materials tight supply/shortage at North America is impacted to current 899920227 Resin supply.
- Due to these supply constraints, Celanese issued an FM letter for 899920227 (Thermx CG933-BK010) on 17th Feb 2022 and the next supply is unconfirm.
- Due to these supply constraints, Molex identified an internal shortage of resin supply which would create a challenge to fulfill all orders. Therefore, an alternative sourcing has been identified for the product families listed above.

After

- The alternative supplier operates under a certified quality management system and has passed Molex QSA Audit.
- Molex PD conducted comprehensive equivalency analysis comparing properties of resins between the original supplier and the alternative supplier. This is being followed by Molex internal qualification testing which shall ensure that finished products meet relevant product specifications before delivery.
- No different on color and refer before & after photo as reference. There is no other expected change regarding form, fit, & function.

Before

Part Number	Before	
70537 Series	899920227 Celanese	

After

Part Number	After	
70537 Series	899920227 Celanese 899922394 SK Chemicals	

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You may address inquires regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:512872
or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 512872** " in the e-mail Subject line for faster response.