



# RUBYCON CORPORATION

## ENGINEERING DIVISION

1938-1 NISHIMINOWA, INA-SHI, NAGANO-KEN, JAPAN

<https://www.rubycon.co.jp/>

DR2023-00266

March 1, 2023

Dear customers

### Announcement of changing material of the bottom plate

#### 1. Product

Snap-in type aluminium electric capacitor with bottom plate

#### 2. Details of change/Reason

The PPE bottom plate manufactured by Sumitomo Bakelite Co., Ltd. is used for the bottom plate of our aluminum electrolytic capacitors. We have been informed by Sumitomo Bakelite Co., Ltd. of the closure of an affiliated company that manufactures PPE bottom plates. We requested to continue the production of the PPE bottom plate, but it was not accepted due to the difficulty of continuing the business and production, and we were only able to secure enough inventory for the change application period of this document.

We have been looking into alternative materials, but unfortunately we were unable to secure materials that were the same in terms of material, thickness, and flame-retardant grade as the conventional ones. We have caused a lot of trouble for your company due to repeated changes in the bottom plate, so in the future we will secure a stable supply by purchasing bottom plates with the same material (PC: polycarbonate) and the same performance from two companies. We apologize for the inconvenience, but please approve the change.

There is no difference in electrical characteristics due to the change in bottom plate material.

#### 3. The date of change

Orders placed after September 1, 2023 will be replaced naturally after our stock runs out.

The stock of Sumitomo Bakelite PPE bottom plates is limited, so please approve it by the end of August 2023.




If you have any problems with the contents of the next page, please contact us.


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4. The contents of change

	Before	After	
Maker	Sumitomo Bakelite Co., Ltd.	Sumitomo Bakelite Co., Ltd.	RP TOPLA LIMITED
Material	PPE (polyphenylene ether)	PC (polycarbonate)	PC (polycarbonate)
Thickness	0.3mm	0.25mm	0.25mm
Isolation voltage (※1Reference)	12.9kV	18kV	18kV
Heat resistance (※2Vicat Softening Temp.) (※1 Reference)	124°C	150°C	143°C
Flame retardant grade	UL94 V-0	UL94 VTM-0	UL94 VTM-0
RoHS10	Not contain	Not contain	Not contain
REACH Restricted substance (ANNEX XVII)	Not contain	Not contain	Not contain
REACH SVHC (233Materials)	Not contain	Contains Perfluorobutane sulfonic acid (PFBS) and its salts (※3)	Contains Perfluorobutane sulfonic acid (PFBS) and its salts (※3)
Appearance			
Remarks		There is no product name change even the bottom plate is changed.	

※1 : The isolation voltage and heat resistance are reference values, not guaranteed values.

※2 : Apply a constant load to the sample and press the indenter with a certain cross-sectional area against the sample. The Vicat softening point is the temperature at which the indenter penetrates the test piece to a certain depth.

※3 : Since less than 0.1 wt% is contained in the capacitor, Not subject to REACH regulation.

- End of Report -

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