

2020/04/16

To pk components

Rubycon Corporation

Subject : Announcement of changing material of the top plate

We would like to take this opportunity to extend heartfelt appreciation to your continued support and patronage rendered to our company. In the meantime, we are to inform the captioned matter as described below.

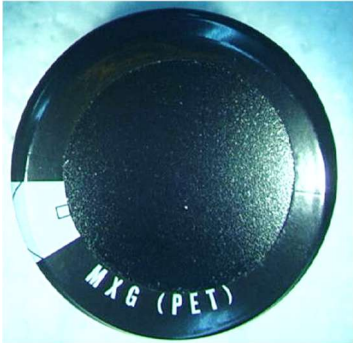
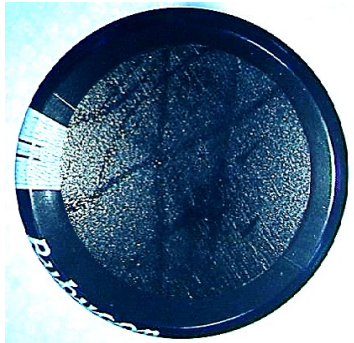


- Products concerned being
The attached list

- Details of change/Reason
The top plate of the target product is a PVC bottom plate manufactured by Mitsubishi Chemical . However, after receiving notification from Mitsubishi Chemical , it will become difficult to obtain PVC top plate at the end of 2020.
Therefore, please approve the change to PPE (polyphenylene ether) top plate manufactured by Sumitomo Bakelite.
The performance of the product does not change by changing the material of the top plate.

- The date of change:
From December 2020 subject to running change and delivery date base

Yours faithfully,

● The contents of change

	Before	After
Material	PVC	PPE (polyphenylene ether)
Maker	Mitsubishi Chemical	Sumitomo Bakelite
thickness	0.3mm	0.3mm
Isolation voltage (※1Reference)	15kV or more	12.9kV
Heat resistance (※2Vicat Softening Temp.) (※1 Reference)	81°C or more	124°C
Flame retardant grade	UL94 V-0	UL94 V-0
RoHS10	Not contain	Not contain
REACH Restricted substance (ANNEX XVII)	Contains DOT (Not applicable to restrictions)	Not contain
REACH SVHC (205 substances)	Contains DOTE(CAS:15571-58-1) (※3)	Not contain
Appearance		
Snap-in Type		
		
Screw terminal type		Streaks and other patterns can be seen on the surface, but due to the manufacture of the top plate, there is no problem in physical properties

※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.