



# SUMITOMO BAKELITE CO.,LTD.

June 5, 2017

## CERTIFICATE OF QUALITY

We, SUMITOMO BAKELITE CO.,LTD. as the manufacturer, hereby certify that ECC9429UU indicated below has the particulars of quality as stated hereunder as its typical characteristics.

### 1. PRODUCT

Art. No. : ECC9429UU  
(Both side UV resistance)  
Color : Smoked blue  
Thickness : 1.8mm

### 2. PROPERTIES

Property	Test Method	Unit	Results
Tensile strength at yield	JIS K 7162/1B/50 (ISO 527-2/1B/50)	MPa	63.7
Modulus of elasticity in tension	JIS K 7162/1B/1 (ISO 527-2/1B/1)	MPa	2250
Nominal tensile strain at break	JIS K 7162/1B/50 (ISO 527-2/1B/50)	%	100
Tensile impact strength	JIS K 7160 method A (ISO 8256 method A)	kJ/m <sup>2</sup>	250
Vicat softening temperture	JIS K 7206,method B (ISO 306, method B)	°C	150
Temperture of deflection under load	JIS K 7191-2, method A (ISO 75-2, method A)	°C	—
Light transmittance	JIS K 7361-1 (ISO 13468-1)	%	12
Heat shielding factor	JIS A 5759	-	0.58
Artificial-weathering tests	JIS K 7350-4 (ISO 4892-4) Open-flame carbon-arc lamps	2000hrs	No remarkable discoloration

Note: The above data were measured immediately after production.

The above figures are all representative testing data and are not subject to any guarantee or warranty.

According to JIS and ISO, the test data of "Temperture of deflection under load" is not required in case of less than 3.0mm thickness.

SUMITOMO BAKELITE CO., LTD.

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