

Electrical Testing

Comparative tracking index CTI A tested in accordance with IEC 60112

Order number	: KUEXT05017	Specimen dimension	: 60 mm * 40 mm * 4 mm
Account number	: 16432	Conditioning	: 48h/23C/50%
Date of receipt	: 17.04.2012	Test condition	: 23C/50%
Test date	: 24.04.2012	Second conditioning	: none
Tested by	: Mr. Huch	Surface cleaning	: wiped with distilled water
Client	: Technology		
Observation	: none		
Comment	: none		

Material : Sondermaterial

Surface : smooth / even

Quality : Pave 200UL94

Color :

U [V]	n-drops	U [V]	n-drops	U [V]	n-drops
100		275		450	
125		300	22	475	
150		325		500	
175		350		525	
200	100/100/100/100/100	375		550	
225	50/50/50/50/50	400		575	
250	48	425		600	

Comment: none

CTI 225 - <1

Explanations:

CTI: 600 - <1

600: Numerical value of the maximum voltage at which five test specimens withstand the test period for 50 drops without tracking failure, without a flame appearing and persisting for more than approximately 2 seconds.

<1: The depths erosion of the five measured values at 600 Volt were less than 1 mm.

Material : Sondermaterial

Surface : smooth / even

Quality : Pave Seal 150

Color :

U [V]	n-drops
100	
125	
150	
175	
200	
225	
250	50

U [V]	n-drops
275	
300	50
325	
350	50
375	
400	50
425	

U [V]	n-drops
450	50
475	
500	50
525	
550	50/100/100/100/100/100
575	50/50/50/50/50
600	7

Comment: none
CTI 575 - <1

Material : Sondermaterial

Surface : smooth / even

Quality : Pave Seal 200

Color :

U [V]	n-drops
100	
125	
150	
175	
200	
225	
250	50

U [V]	n-drops
275	
300	50
325	
350	50
375	
400	50
425	

U [V]	n-drops
450	50
475	
500	50
525	
550	50
575	100/100/100/100/100
600	50/50/50/50/50

Comment: none
CTI 600 - <1

Explanations:

CTI: 600 - <1

600: Numerical value of the maximum voltage at which five test specimens withstand the test period for 50 drops without tracking failure, without a flame appearing and persisting for more than approximately 2 seconds.

<1: The depths erosion of the five measured values at 600 Volt were less than 1 mm.