



Display Systems

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À qui de droit,

Nous tenons à confirmer que T3 Display Systems SAS, le fabricant du système d'exposition et de présentation T3Frame, utilise principalement des profilés en aluminium dans ses structures. L'aluminium utilisé provient d'un fournisseur réputé et est conforme aux normes de sécurité incendie pertinentes, y compris la norme DIN 4102 et la classification BS476 Classe 1.

Ces alliages d'aluminium sont essentiels dans la conception de nos produits et respectent les exigences de certification incendie requises pour l'industrie des événements et des expositions.

N'hésitez pas à nous contacter pour toute information complémentaire ou si vous avez des questions supplémentaires.

Veuillez agréer, [Madame/Monsieur], l'expression de nos salutations distinguées.

Best regards,

Philippe va Ameyde

Président
T3 Display Systems SAS



07 August 2024



www.t3systems.com



Component - Plastics

File Number: E45329

SABIC INNOVATIVE PLASTICS B V

EUROPE - RESIN, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL



Lexan: 943A(f1)

Polycarbonate (PC), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

Flammability	Value	Test Method
Flame Rating		UL 94
1.50 mm, ALL	V-2	IEC 60695-11-10, -20
3.00 mm, ALL	V-0	
6.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 3	
3.00 mm	PLC 2	
6.00 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 3	
3.00 mm	PLC 2	
6.00 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 3	UL 746
Dielectric Strength	24 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Volume Resistivity	1.0E+15 ohm-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	130 °C	
3.00 mm	130 °C	
6.00 mm	130 °C	
RTI Imp		UL 746
1.50 mm	120 °C	
3.00 mm	120 °C	
6.00 mm	120 °C	
RTI Str		UL 746
1.50 mm	125 °C	
3.00 mm	130 °C	
6.00 mm	130 °C	
Physical	Value	Test Method
Dimensional Stability	0.10 %	ASTM D1042 ISO 2796
Outdoor Suitability	f1	UL 746C



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ALUMINIUM AND FIRE – CERTIFICATE

Aluminium and aluminium alloys are classed as non-flammable according to :

DIN Standard 4102, Part 4

BS 476, Part 4

And they provide Class 1 surface spread of flame according to :

BS 476, Part 5

Aluminium and aluminium alloys in the form of extrusions do not burn nor support combustion. In fire tests on aluminium materials, when the temperature exceeds the melting point in the range of 600° - 660° C, the aluminium surface exposed to the fire can be seen to melt but it does not burn.

Where an aluminium structure is exposed to the heat of a fire, the relatively high thermal conductivity enables heat to be transferred away from the exposed area.

For these reasons, aluminium structures are used widely in the field of exhibition staging and stands as well as being used extensively within building and construction applications. The structure and strength of aluminium extrusions are not affected in any way within the temperature ranges of normal living environments.

For Smiths Profiles

13th December 2022

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