



CERTIFICATE OF CONFORMANCE

QUINN PETG / QUINN PETG UV

QUINN PETG / PETG UV sheets are melt-calendared solid co polyester sheets and comply with the physical, optical, mechanical, thermal, impact strength and chemical properties indicated in our technical brochure.

QUINN PETG / PETG UV sheets are made from raw material PETG 14471 manufactured and delivered from Eastman Chemical CO.

The fire performance of PETG 14471 is classified in UL – file: E 31879:

Component - Plastics E31879

EASTMAN CHEMICAL CO
BLDG P1, 137 REGIONAL PARK DR, KINGSPORT TN 37664

PETG14471
Polyester (PER), "Spectar", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
CL	0.25	HB	-	-	50	50	50
	1.1	HB	-	-	50	50	50
	1.2	RP50	-	-	50	50	50
	1.5	HB	-	-	50	50	50
	3.0	V-2	-	-	50	50	50
	6.2	RP50	-	-	50	50	50

Comparative Tracking Index (CTI): -
High-Voltage Aro Tracking Rate (HVTR): -
Dielectric Strength (kV/mm): -

Dimensional Stability (%): -
High Volt, Low Current Aro Resis (D495): -
Volume Resistivity (10¹⁴ ohm-cm): -

NOTE - May be followed by A, C, E or G.
AN 81/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. AN 81/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.25 1.1 1.2 1.5 3.0 6.2	HB75 (CL) HB75 (CL) RP50 (CL) HB75 (CL) V-2 (CL) RP50 (CL)
Glow-Wire Flammability (GV/FI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GV/IT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 3256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

Underwriters Laboratories Inc®

QUINN PLASTICS TECHNICAL SERVICE

Our application advice is not binding. The particulars given herein are based on our actual knowledge and experience. They do not release the user from the obligation of carrying out his own tests and trials due to the abundant factors which may affect processing and application of our products, and they do neither imply any legally binding assurance of certain properties or suitability for specific purposes. It's the user's responsibility to ensure that any protective rights and existing laws and regulations are observed. The technical data referring to our products are standard values and are subject to change.