UL-File-No. E41797

Component - Plastics E41797

TORAY INDUSTRIES INC

NIHONBASHI-MITSUI TOWER, 1-1 NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU, Tokyo 103-8666 Japan

A504X90, A504X95, A504FG1, A504, A504CX1, A504CX2 (R)

Polyphenylene Sulfide (PPS) "Torelina", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	0.28	V-0	--	--	--	--	130	130	130
	0.71	V-0	1	1	--	--	200	200	200
	1.5	V-0	0	1	--	--	220	200	210
	3.0	V-0	0	0	--	--	220	200	210

Comparative Tracking Index (CTI) (PLC):	4	IEC Comparative Tracking Index (V):	--	IEC CTI Material Group:	--
Inclined Plane Tracking (IPT) (kV):	--	High-Voltage Arc Tracking Rate (HVTR) (PLC):	1	Dielectric Strength (DS) (kV/mm):	21
Volume Resistivity (VR) (10^x ohm cm):	16	Surface Resistivity (SR) (10^x ohms/square):	--	High Volt, Low Current Arc Resis (D495):	5

(R) - Virgin and regrind up to 50% by weight inclusive have the same V-0 flammability and tensile impact characteristics when used within the 130 C generic temperature limitation: no other properties for regrind 26-50% by wt. incl. have been determined.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/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.

Report Date: 1994-07-14

Last Revised: 2025-11-14

c UL us ALSO CERTIFIED TO IEC REQUIREMENTS

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.28 mm, Color: ALL	V-0	
0.71 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	

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