

**POLYPLASTICS CO LTD**  
18-1 KONAN 2-CHOME, MINATO-KU TOKYO 108-8280 JP

**3300(g)(f1)(e)**  
Polybutylene Terephthalate (PBT) "Duranex", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.71	HB	2	0	130	-	-
	1.5	HB	1	0	130	130	140
	3.0	HB	1	1	130	130	140
	6.0	HB	0	0	130	130	140

Comparative Tracking Index (CTI): 1

Inclined Plane Tracking (IPT) kV: -

Dielectric Strength (kV/mm): 44

Volume Resistivity (10<sup>x</sup> ohm-cm): 15

High-Voltage Arc Tracking Rate (HVTR): 1

Surface Resistivity (10<sup>x</sup> ohms/square): -

Dimensional Stability (%): 0.0

High Volt, Low Current Arc Resis (D495): 5

(e) - Virgin and regrind up to 50 by weight incl. have the same basic material characteristics above a minimum thickness of 0.75 mm

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


(g) - Grade designation may be followed by suffix -2.

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: 2000-11-02

Last Revised: 2016-11-15

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IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.71	HB, HB75 (ALL)
			1.5	HB, HB75 (ALL)
			3.0	HB, HB40 (ALL)
			6.0	HB, HB40 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	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 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-1	kJ/m <sup>2</sup>	-	-