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Component - Plastics **E107536**

SHINKONG SYNTHETIC FIBERS CORP

223 YEN PING RD SEC 3, PIN CHENG TAOYUAN HSIEN 324 TW

D202G15@

Polybutylene Terephthalate (PBT), glass reinforced, furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.71	V-0	3	2	130	110	130
	1.5	V-0	2	1	130	110	130
	3.0	V-0	2	0	130	120	130

Comparative Tracking Index (CTI): **2**

Inclined Plane Tracking (IPT): **-**

Dielectric Strength (kV/mm): **23**

Volume Resistivity (10^x ohm-cm) : **14**

High-Voltage Arc Tracking Rate (HVTR): **3**

High Volt, Low Current Arc Resis (D495): **6**

Dimensional Stability (%): 0

@ - Ball pressure temperature of 200 deg. C, tested in accordance with IEC 695.10.2 and IEC 950 5.4.2

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.

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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)	0.71	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (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	3.0	200
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^2	-	-
ISO Izod Impact	ISO 180	kJ/m^2	-	-
ISO Charpy Impact	ISO 179-2	kJ/m^2	-	-

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