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Component - Plastics

E107536

SHINKONG SYNTHETIC FIBERS CORP

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

E202G30**Polybutylene Terephthalate (PBT), glass reinforced, furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK	0.38	V-0	-	-	75	75	75
ALL	0.75	V-0	3	0	130	110	120
	1.5	V-0, 5VB	2	0	130	110	120
BK	1.5	V-0, 5VA	2	0	130	110	120
ALL	3.0	V-0, 5VA	2	0	130	120	130

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

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): **33**Volume Resistivity (10^X ohm-cm) : **16**High-Voltage Arc Tracking Rate
(HVTR): **4**High Volt, Low Current Arc Resis (D495): **6**

Dimensional Stability (%): -

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, IEC 60695-11-20	Class (color)	0.38	V-0 (BK)
			0.75	V-0 (ALL)
			1.5	V-0, 5VB (ALL)
			1.5	V-0, 5VA (BK)
			3.0	V-0, 5VA (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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