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Component - Plastics[guide info]

E314841

T-GLOBAL TECHNOLOGY CO LTD

33 LN 50 DAREN RD, TAOYUAN, TAOYUAN HSIEN 330 TW

H48-6S-1,H48-6G-1,H48-6C-1,H48-6A-1,H48-6T-1 (a)

Silicone Molding Resin (SIR), furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
GY	0.50-0.55	V-0	3	2	150	150	150

Comparative Tracking Index (CTI): 0

Dielectric Strength (kV/mm): 3.2

High-Voltage Arc Tracking Rate (HVTR): 0

Dimensional Stability (%): -

Inclined Plane Tracking (IPT): -

Volume Resistivity (10^x ohm-cm): 15

High Volt, Low Current Arc Resis (D495): 3

(a) - The multiple grade names listed in a yellow card are identical and have same material formula except the grade designation.

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	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.50-0.55	V-0 (GY)
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 ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-