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[View additional material information including performance and processing data](#)

Component - Plastics

E353857

Guide Information

**KRAIBURG TPE TECHNOLOGY (M) SDN BHD**

LOT 1839 JALAN KPB 6, KAWASAN PERINDUSTRIAN BALAKONG, SERI KEMBANGAN SELANGOR 43300 MY

**TC(4)FL(b)(a)(\*)**

Thermoplastic Elastomer (TPE) "Thermolast K", furnished as pellets

<u>Color</u>	<u>Min. Thk (mm)</u>	<u>Flame Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI Elec</u>	<u>RTI Imp</u>	<u>RTI Str</u>
ALL	3.0	V-0	-	-	-	-	-

Comparative Tracking Index (CTI): -	Inclined Plane Tracking (IPT) kV: -
Dielectric Strength (kV/mm): -	Volume Resistivity (10 <sup>x</sup> ohm-cm): -
High-Voltage Arc Tracking Rate (HVTR): -	Surface Resistivity (10 <sup>x</sup> ohms/square): -
Dimensional Change (%): -	High Volt, Low Current Arc Resis (D495): -

- (\*) - represents an underscore "\_" followed by a combination of 4 or 5 alphabets and/or digits indicating packaging information.
- (4) - "4" to "9" indicating hardness
- (a) - no extension or (-) and 3 or 4 digits indicating color
- (b) - "N" or "Z" indicating color of base material

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)	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	-	-
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>	-	-