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View additional material information including performance and processing data

Component - Plastics

Guide Information

E230779

**QINGDAO HAIER NEW MATERIAL R & D CO LTD**

HAIER INTERNATIONAL ZONE, JIAOZHOU, QINGDAO SHANDONG 266300 CN

**NH-7004**

Polyamide 66 (PA66), furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC, BK, WT	1.0	V-0	-	-	65	65	65
	3.2	V-0	-	-	65	65	65

- 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> ohm-cm): -
- Dimensional Stability (%): -
- High Volt, Low Current Arc Resis (D495): -

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)	1.0	V-0 (NC, BK, WT)
			3.2	V-0 (NC, BK, WT)
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 179-2	kJ/m <sup>2</sup>	-	-