

LOTTE ADVANCED MATERIALS CO LTD

56 Gosan-ro, Uiwang-si Gyeonggi-do 437-711 KR

NH-1015(++)

Acrylonitrile Butadiene Styrene/Polycarbonate (ABS/PC), "INFINO", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.0	-	-	-	60	60	60
	1.2	V-1	-	-	60	60	60
	1.3	V-1	-	-	60	60	60
	1.5	V-0	2	3	90	85	90
	2.0	V-0, 5VB	-	-	90	85	90
	2.1	V-0, 5VB	-	-	90	85	90
	2.5	V-0, 5VB	-	-	90	85	90
	3.0	V-0, 5VA	-	-	90	85	90

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

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

High-Voltage Arc Tracking Rate (HVTR): -

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

Dimensional Stability (%): -

(++) - May be replaced by one, two, or three numbers and/or letter(s), except NH-1015W and NH-1015U

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.

IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.2	V-1 (ALL)
			1.3	V-1 (ALL)
			1.5	V-0 (ALL)
			2.0	V-0, 5VB (ALL)
			2.1	V-0, 5VB (ALL)
			2.5	V-0, 5VB (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	1.0	960
			1.3	960
			1.5	960
			2.1	960
			2.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	1.0	775
			1.3	800
			1.5	775
			2.1	800
			2.5	800
			3.0	800
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	-	-