

INFINO

Grade

NH-1013U

Component - Plastics E115797
Guide Information

LOTTE CHEMICAL CORPORATION
56 Gosan-ro, Uiwang-si Gyeonggi-do 16073 KR

NH-1013U
Acrylonitrile Butadiene Styrene/Polycarbonate (ABS/PC) "INFINO", furnished as pellets

Attention Materials Users! This product Certification has been changed on 2023-02-08; UL746A CTI rating has been revised [click here to learn more](#)

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
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): 2
Dielectric Strength (kV/mm): -
High-Voltage Arc Tracking Rate (HVTR): -
Dimensional Change (%): -
Inclined Plane Tracking (IPT) kV: -
Volume Resistivity (10^x ohm-cm): -
Surface Resistivity (10^x ohms/square): -
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.
Report Date: 1998-10-14
Last Revised: 2023-03-16
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IEC and ISO Test Methods	Test Method	Units	Thk (mm)	Value
Test Name				
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.2 1.3 1.5 2.0 2.1 2.5 3.0	V-1 (ALL) V-1 (ALL) V-0 (ALL) V-0, 5VB (ALL) V-0, 5VB (ALL) V-0, 5VB (ALL) V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	1.0 1.3 1.5 2.1 2.5 3.0	960 960 960 960 960 960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	1.0 1.3 1.5 2.1 2.5 3.0	775 800 775 800 800 800
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	85
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 179-1	kJ/m ²	-	-