

PROSPECTOR®

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Component - Plastics

E135175

Guide Information

UNIC TECHNOLOGY CORP

TUCHENG INDUSTRIAL DISTRICT, 4 TZU-CHIANG ST, NEW TAIPEI 236 TW

UR-3006+(RXX)

Acrylonitrile Butadiene Styrene (ABS), Recycled, 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>
WT, BK	1.5	HB	-	-	60	60	60
	3.0	HB	-	-	60	60	60
Comparative Tracking Index (CTI): -			Inclined Plane Tracking (IPT) kV: -				
Dielectric Strength (kV/mm): 26			Volume Resistivity (10 ^x ohm-cm): -				
High-Voltage Arc Tracking Rate (HVTR): -			High Volt, Low Current Arc Resis (D495): -				
Dimensional Stability (%): -							
(RXX) - XX replace by two digital 35 - 90 to indicate recycled content 35 - 90%.							

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)	1.5	HB, HB75 (WT, BK)
			3.0	HB, HB40 (WT, BK)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	1.5	675
			3.0	675
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	1.5	700
			3.0	700
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	4.0	15