

**ROMIRA GMBH**

POSTFACH 1964, PINNEBERG 25409 DE

**Rotec ABS 1001 FR V0/4 (+)**

Acrylonitrile Butadiene Styrene (ABS), furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5	V-0	3	0	60	60	60
	3.0	V-0	0	0	60	60	60
	6.0	V-0	0	0	60	60	60
Comparative Tracking Index (CTI): <b>2</b>				Dimensional Stability (%): <b>0</b>			
High-Voltage Arc Tracking Rate (HVTR): <b>3</b>				High Volt, Low Current Arc Resis (D495): <b>7</b>			
Dielectric Strength (kV/mm): <b>14</b>				Volume Resistivity (10 <sup>x</sup> ohm-cm): <b>15</b>			

**(+) - Indicates designation may be followed by text indicating color or by an optional marking.**

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	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	V-0 (ALL)
			3.0	V-0 (ALL)
			6.0	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 179-2	kJ/m <sup>2</sup>	-	-

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