

Component - Plastics

E205256

### Material Designation: ABS405

Product Description: Acrylonitrile Butadiene Styrene (ABS), Furnished as Pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5-2.9 ONLY	HB	-	-	60	60	60

Comparative Tracking Index (CTI): –

Inclined Plane Tracking (IPT): –

Dielectric Strength (kV/mm): –

Volume Resistivity (10<sup>x</sup> ohm-cm): –

High-Voltage Arc Tracking Rate (HVTR): –

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

Dimensional Stability (%): –

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 appliance, where the acceptability of the combination is determined by UL.

Report Date: 2000-02-10

Last Revised: 2012-10-18

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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)	1.5-2.9 ONLY	HB75 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	--	--
Glow-Wire Ignition (GWI)	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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