

DOMO ENGINEERING PLASTICS EUROPE SPA

VIA LINFANO 18, ARCO TN 38062 IT

C 60G1 V(g), FR 6G(g)V0E

Polyamide 6 (PA6) "Technyl", furnished as pellets

Color	Min_Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	0.75	V-0	-	-	65	65	65

Comparative Tracking Index (CTI): -	Inclined Plane Tracking (IPT) kV: -
Dielectric Strength (kV/mm): -	Volume Resistivity (10 ^x ohm-cm): -
High-Voltage Arc Tracking Rate (HVTR): -	Surface Resistivity (10 ^x ohms/square): -
Dimensional Change (%): -	High Volt, Low Current Arc Resis (D495): -

(g) - indicates a two digit number indicating the glass fiber content from 10 to 35 percent, excluding 30

NOTE - - Materials designated "Technyl" may be prefixed by the letters "TY". Optional color name (in letters) followed by 1 to 10 alphanumeric code. Materials with codes ending with letter "D" alone are not UL Recognized

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: 2006-09-12

Last Revised: 2022-02-04

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.75	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 ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-1	kJ/m ²	-	-