

[\[guide info\]](#)**E I DUPONT DE NEMOURS & CO INC**ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE
19880-0713**FR72G25V0**

Polyamide 66/6 (PA66/6), flame retardant, glass reinforced "Zytel", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.50	V-0	0	0	-	-	-
	0.83	V-0	0	0	140	120	140
	1.5	V-0	0	0	140	120	140
BK	1.5	5VA	0	0	140	120	140
ALL	3.0	V-0	0	0	140	120	140

Comparative Tracking Index (CTI): 2

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 22

Volume Resistivity (10^x ohm-cm): 7High-Voltage Arc Tracking Rate
(HVTR): ⁴High Volt, Low Current Arc Resis
(D495): ⁶

Dimensional Stability (%): 0

(1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2)

Material designations may be prefixed by "ZYT" for Zytel or "MIN" for Minlon or "DEL" for Delrin or "CRA"

NOTE - for Crastin or "RYN" for Rynite or "ETPV" for ETPV or "SOR" for Sorona grades.

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: 1996-08-20

Last Revised: 2015-05-18

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.50	V-0 (ALL)
			0.83	V-0 (ALL)
			1.5	V-0 (ALL)
			1.5	5VA (BK)
			3.0	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)	3.0	CTI325
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	-	-