

Component - Plastics

E245249

LANXESS AG

CHEMPARK DORMAGEN, BU HPM, BUILDING F46, DORMAGEN 41538 DE

TP157-001, DP AKV30FN00

Polyamide 66 (PA66), glass reinforced, "DURETHAN", furnished as pellets

Color	Min Thk (mm)	Flame Class	Flame		RTI		RTI
			HWI	HAI	Elec	Imp	Str
ALL	0.40	V-0	0	0	120	110	120
	0.75	V-0	0	0	125	115	125
	1.5	V-0, 5VA	0	0	125	115	125
	3.0	V-0, 5VA	0	0	125	115	125

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): 300 min at 1kV

Dielectric Strength (kV/mm): -

Volume Resistivity (10^x ohm-cm): -

High-Voltage Arc Tracking Rate (HVTR): 1

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 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, IEC 60695-11-20	Class (color)	0.40	V-0 (ALL)
			0.75	V-0 (ALL)
			1.5	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	0.40	960
			0.75	960
			1.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.40	750
			0.75	750
			1.5	750
			3.0	750
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	-	-

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