

Component - Plastics

E245249

LANXESS AG

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

TP800-020, A30SFN31

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

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI	RTI	RTI
					Elec	Imp	Str
ALL	0.40	V-0	4	0	125	105	125
	0.75	V-0	3	0	130	105	125
	1.5	V-0	3	0	130	105	125
	3.0	V-0	2	0	130	105	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): **2**High Volt, Low Current Arc Resis (D495): **5**

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.

Report Date:2010-01-30

Last Revised:2012-03-07

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	Value
			Tested (mm)	
Flammability	IEC 60695-11-10	Class (color)	0.40	V-0 (ALL)
			0.75	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (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	775
			0.75	775
			1.5	775
			3.0	775
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	245
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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