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Component - Plastics [\[guide info\]](#)

E245249

LANXESS AG

Chempark Dormagen, Bu Hpm, Building F46, Dormagen 41538 DE

A30S+

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

	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
ALL	0.75	V-2	4	0	120	65	65
	1.0	V-2	4	0	130	65	65
	1.5	V-2	3	0	130	65	65
	3.0	V-2	3	0	130	65	65
	6.0	V-2	2	0	130	65	65
Comparative Tracking Index (CTI): 0			Inclined Plane Tracking (IPT): -				
Dielectric Strength (kV/mm): 26			Volume Resistivity (10 ^X ohm-cm): 13				
High-Voltage Arc Tracking Rate (HVTR): 0			High Volt, Low Current Arc Resis (D495): 5				
Dimensional Stability (%): 0							

+ - Material designations may be followed by suffix numbers and/or letter(s) denoting color.

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	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.75	V-2 (ALL)
			1.0	V-2 (ALL)
			1.5	V-2 (ALL)
			3.0	V-2 (ALL)
			6.0	V-2 (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 179-2	kJ/m ²	-	-