

Component - Plastics

E41871

BASF SE

Performance Materials Europe, PMD/EX - H201, Ludwigshafen, 67056 Germany

A3X2G10(f2), A3X3G10(f2), A3X2G10 LF(f2), A3X2G10 BMB(f2)

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

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
NC, BK	0.40	V-2	4	1	--	--	65	65	65
	0.60	V-2	1	1	--	--	105	105	120
NC, BK, GY	0.75	V-2	1	1	--	--	110	115	130
	1.5	V-0	0	1	--	--	115	115	130
BK	3.0	V-0	0	1	--	--	115	115	130
	1.5	V-0, 5VA	0	1	--	--	115	115	130
	3.0	V-0, 5VA	0	1	--	--	115	115	130

Comparative Tracking Index (CTI) (PLC):	0	IEC Comparative Tracking Index (V):	--	IEC CTI Material Group:	--
Inclined Plane Tracking (IPT) (kV):	--	High-Voltage Arc Tracking Rate (HVTR) (PLC):	0	Dielectric Strength (DS) (kV/mm):	21
Volume Resistivity (VR) (10 ^x ohm cm):	13	Surface Resistivity (SR) (10 ^x ohms/square):	--	High Volt, Low Current Arc Resis (D495):	5

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

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: 1974-10-24

Last Revised: 2025-09-17

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All dimensions in mm/inch

The permissible deviations according to DIN 16901 apply as tolerances

Warranties:

refer to Terms and Conditions of Sale



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ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.40 mm, Color: NC, BK	V-2	
0.60 mm, Color: NC, BK	V-2	
0.75 mm, Color: NC, BK, GY	V-2	
1.5 mm, Color: BK	V-0	
1.5 mm, Color: NC, GY	V-0	
3.0 mm, Color: BK	V-0	
3.0 mm, Color: NC, GY	V-0	
Flammability		IEC 60695-11-20
1.5 mm, Color: BK	5VA	
3.0 mm, Color: BK	5VA	

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