

Component - Plastics

E41871

## BASF SE

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

### A3X2G5(f2)(r), A3X2G5 BMB (f2)(r)

Polyamide 66 (PA66) "Ultramid", glass reinforced, 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	HB	4	0	--	--	110	115	--
	0.60	HB	2	0	--	--	110	115	--
NC, BK, GY	0.81	V-0	0	0	--	--	120	115	130
	1.5	V-0	0	0	--	--	120	115	130
	3.0	V-0, 5VA	0	0	--	--	120	115	130

Comparative Tracking Index (CTI) (PLC):	0	IEC Comparative Tracking Index (V):	--	IEC CTI Material Group:	--
Inclined Plane Tracking (IPT) (kV):	1	High-Voltage Arc Tracking Rate (HVTR) (PLC):	1	Dielectric Strength (DS) (kV/mm):	19
Volume Resistivity (VR) (10 <sup>x</sup> ohm cm):	11	Surface Resistivity (SR) (10 <sup>x</sup> ohms/square):	--	High Volt, Low Current Arc Resis (D495):	6

(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.

(r) - Virgin and regrind up to 50% by weight inclusive have the same flammability characteristics for black (BK) colored material only, excluding UL 746C suitability for outdoor use coverage (f2) and Incline Plane Tracking

Report Date: 1974-10-24

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#### ISO/IEC Flammability Properties

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.40 mm, Color: NC, BK	HB75	
0.60 mm, Color: NC, BK	HB75	
0.81 mm, Color: NC, BK, GY	V-0	
1.5 mm, Color: NC, BK, GY	V-0	
3.0 mm, Color: NC, BK, GY	V-0	
Flammability (3.0 mm, Color: NC, BK, GY)	5VA	IEC 60695-11-20

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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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