

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^x ohm cm):11

Surface Resistivity (SR) (10^x 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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ALSO CERTIFIED TO
IEC REQUIREMENTS

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