

Component - Plastics

E41871

BASF SE
Performance Materials Europe, PMD/EX - H201, Ludwigshafen, 67056 Germany
A3EG7(t)(f1), A3EG7 FC Aqua, A3EG7 CCYD(f1), A3EG7 BMB(t)(f1)
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)
ALL	0.75	HB	4	1	--	--	120	65	65
	1.5	HB	3	0	--	--	120	120	130
	3.0	HB	0	0	--	--	120	120	130
	6.0	HB	0	0	--	--	120	120	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):1

Dielectric Strength (DS) (kV/mm):25

Volume Resistivity (VR) (10^x ohm cm):12

Surface Resistivity (SR) (10^x ohms/square):--

High Volt, Low Current Arc Resis (D495):5

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C. (t) - May be followed by the letters LS and a color code indicating laser sensitive coloring.

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: 980-05-30

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ALSO CERTIFIED TO IEC REQUIREMENTS

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.75 mm, Color: ALL	HB75	
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
6.0 mm, Color: ALL	HB40	