

Component - Plastics

E245249

Envalior

Flughafenstrasse 101, Dusseldorf, 40474 Germany

AKV30H2.0+, AKV30H2.0+M30R1, ECOAKV30H2.0+, AKV30H3.0+

Polyamide 66 (PA66) "Akulon", 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)
ALL	0.75	HB	4	0	725	700	125	90	110
	1.5	HB	4	0	725	700	125	105	115
	3.0	HB	3	0	750	700	125	105	115
	6.0	HB	1	0	750	700	125	105	115

Comparative Tracking Index (CTI) (PLC):	1	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):	11	Surface Resistivity (SR) (10 ^x ohms/square):	--	High Volt, Low Current Arc Resis (D495):	6

+ - 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.

Report Date: 1979-04-13

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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
0.75 mm, Color: ALL	HB75	
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
6.0 mm, Color: ALL	HB40	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
0.75 mm	725 °C	
1.5 mm	725 °C	
3.0 mm	750 °C	
6.0 mm	750 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
0.75 mm	700 °C	
1.5 mm	700 °C	
3.0 mm	700 °C	
6.0 mm	700 °C	

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