

Component - Plastics

E70062

Guide Information

ASCEND PERFORMANCE MATERIALS, LLC

3000 OLD CHEMSTRAND ROAD, CANTONMENT FL 32533-8900

909

Polyamide 66/6 (PA66/6), glass reinforced, modified "VYDYNE", furnished as pellets

<u>Color</u>	<u>Min. Thk (mm)</u>	<u>Flame Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI Elec</u>	<u>RTI Imp</u>	<u>RTI Str</u>
ALL	0.38	V-0	-	-	-	-	-
	0.50	V-0	-	-	-	-	-
	0.75	V-0	0	0	130	65	110
	1.5	V-0, 5VA	0	0	130	95	110
	3.0	V-0, 5VA	-	-	130	95	110
Comparative Tracking Index (CTI): 2			Inclined Plane Tracking (IPT) kV: -				
Dielectric Strength (kV/mm): -			Volume Resistivity (10 ^x ohm-cm): -				
High-Voltage Arc Tracking Rate (HVTR): 3			High Volt, Low Current Arc Resis (D495): 6				
Dimensional Stability (%): -							
Note - Material designation may be followed by an alpha numeric color designation							
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.							

IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.38	V-0 (ALL)
			0.50	V-0 (ALL)
			0.75	V-0 (ALL)
			1.5	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.38	960
			0.50	960
			0.75	960
			1.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.38	930
			0.50	900
			0.75	750
			1.5	750
			3.0	800
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-