

Component - Plastics



E70062

ASCEND PERFORMANCE MATERIALS LLC

3000 OLD CHEMSTRAND RD, CANTONMENT FL 32633

RMS-019

ECO315(c)

Polyamide 66 (PA66), non-halogenated, "VYDYNE", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.38	V-0	4	0	65	65	65
	0.75	V-0	4	0	130	65	100
	1.5	V-0	4	0	130	85	100
	3.0	V-0	3	0	130	85	110

Comparative Tracking Index (CTI): 0
 High-Voltage Arc Tracking Rate (HVTR): 1
 Dielectric Strength (kV/mm): 13
 Dimensional Stability (%): 0
 High Volt, Low Current Arc Resis (D495): 5
 Volume Resistivity (10^x ohm-cm) : 11

(c) - Virgin and regrind up to 50% have the same basic characteristics except elevated RTI values.

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:1994-10-11
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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.38	V-0 (ALL)
			0.75	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	0.38	960
			0.75	960
			1.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.38	875
			0.75	875
			1.5	775
			3.0	725
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	-	-

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B. Hall 4/22/10