ONLINE CERTIFICATIONS DIRECTORY

QMFZ2.E70062
Plastics - Component

For enhanced search functionality, please visit UL's iQ™ Family of Databases.
Click on a product designation for complete information.

Page Bottom

Plastics - Component

See General Information for Plastics - Component

ASCEND PERFORMANCE MATERIALS, LLC E70062
3000 OLD CHEMSTRAND ROAD
CANTONMENT, FL 32533-8900 USA

									H	D	
		Min.		H	H	R T I			V	4	C
		Thk	Flame	W	A	Elec	Mech		T	9	T
Material Dsg	Color	mm	Class	I	I		Imp	Str	R	5	I
Polyamide 6/6 (PA6/6), "VYDYNE", furnished as pellets.											
ECO515	NC	0.4	-	0	1	65	65	65	3	5	0
	ALL	0.75	V-0	0	1	120	65	130			
		1.5	V-0	0	1	120	65	130			
		3.0	V-0	0	0	120	65	130			
ECO530	NC, BK	0.4	-	0	1	65	65	65	3	6	0
	ALL	0.75	V-0	0	1	120	65	130			
		1.5	V-0	0	1	120	65	130			
		3.0	V-0	0	0	120	65	130			
Polyamide 6/66 (PA6/66), flame retardant, "VYDYNE", furnished as pellets.											
M346	RD	0.38	V-0	-	-	65	65	65	2	6	3
		0.71	V-0	3	0	130	65	95			
		1.5	V-0	3	0	130	90	95			
		3.0	V-0, 5VA	-	0	130	90	95			
Polyamide 6/66 (PA6/66), glass reinforced, "VYDYNE", furnished as pellets.											
R633H01	BK	0.75	HB	4	0	65	65	65	2	5	2
		1.5	HB	4	0	65	65	65			
		3.0	HB	3	0	65	65	65			
Polyamide 6/9 (PA 6/9), modified, "VYDYNE", furnished as pellets.											
602M	ALL	0.71	V-2	4	0	140	75	85	2	5	0
		1.5	V-2	3	0	140	75	85			
		3.0	V-2	2	0	140	75	85			
polyamide 66, "VYDYNE", furnished as pellets.											
21SPE(e)	ALL	0.40	V-2	-	-	130	75	75	0	5	0
		0.71	V-2	4	0	130	75	85			

		1.0	V-2	4	0	130	75	85			
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	3	0	130	75	85			
Polyamide 66 (PA66), glass reinforced, "VYDYNE", furnished as pellets.											
ECO525	ALL	0.40	V-0	0	1	65	65	65	1	5	0
		0.75	V-0	0	1	120	65	130			
		1.5	V-0	0	0	120	65	130			
		3.0	V-0	0	0	120	65	130			
R5(w)	ALL	0.75	HB	4	0	125	110	130	1	5	0
		1.5	HB	4	0	125	110	130			
		3.0	HB	4	0	125	110	130			
R5(w)H	ALL	0.75	HB	4	0	140	130	140	1	5	1
		1.5	HB	3	0	140	130	140			
		3.0	HB	4	0	140	130	140			
R5(x)H	ALL	0.75	HB	4	0	140	120	125	1	6	2
		1.5	HB	3	0	140	120	140			
		3.0	HB	4	0	140	120	140			
R5(z)	ALL	0.75	HB	4	0	120	85	115	1	5	0
		1.5	HB	4	0	120	85	120			
		3.0	HB	4	0	120	105	120			
R513	ALL	0.75	HB	4	0	120	85	115	1	5	0
		1.5	HB	4	0	120	85	120			
		3.0	HB	4	0	120	105	120			
R513H	ALL	0.75	HB	4	0	140	120	125	1	6	2
		1.5	HB	3	0	140	120	140			
		3.0	HB	4	0	140	120	140			
R533	ALL	0.75	HB	4	0	120	100	125	1	5	0
		1.5	HB	4	0	120	100	125			
		3.0	HB	3	0	120	105	125			
R533H, R5(y)H	ALL	0.75	HB	4	0	140	125	140	1	6	2
		1.5	HB	3	0	140	125	140			
		3.0	HB	4	0	140	125	140			
R535J	ALL	0.75	HB	4	0	120	85	115	1	5	0
		1.5	HB	4	0	120	85	120			
		3.0	HB	4	0	120	105	120			
Polyamide 66 (PA66), glass reinforced, impact modified, "VYDYNE", furnished as pellets.											
R413H07	BK	0.75	HB	-	-	65	65	65	-	-	-
		3.0	HB	-	-	65	65	65			
Polyamide 66 (PA66), glass reinforced, modified, "VYDYNE", furnished as pellets.											
909	ALL	0.38	V-0	-	-	65	65	65	3	6	2
		0.50	V-0	-	-	65	65	65			
		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			
Polyamide 66 (PA66), mineral reinforced, "VYDYNE", furnished as pellets.											
R200, R208	ALL	0.71	-	4	0	105	85	95	1	6	1
		1.5	HB	4	0	105	90	105			
		3.0	HB	2	0	105	90	105			
Polyamide 66 (PA66), modified, "VYDYNE", furnished as pellets.											
M340	ALL	0.38	V-0	-	0	65	65	65	1	6	2
		0.71	V-0	4	0	130	65	95			
		1.5	V-0, 5VA	3	0	130	95	95			
		3.0	V-0, 5VA	3	0	130	95	95			
M344+	NC	0.43	V-0	-	-	65	65	65	1	6	1
	ALL	0.71	V-0	0	0	130	65	95			
		1.5	V-0	0	0	130	95	95			
		2.0	V-0, 5VA	0	0	130	95	95			
		3.0	V-0, 5VA	0	0	130	95	95			
Polyamide 66 (PA66), non-halogenated, "VYDYNE", furnished as pellets.											
ECO315(e)	ALL	0.38	V-0	4	0	130	65	100	1	5	0
		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			
Polyamide 66 (PA66), "VYDYNE", furnished as pellets.											
20NSP(a)(f2), 21SPF(a)(f2), 21SPM(a)(f2), 21SPC(a)(f2)											
	ALL	0.40	V-2	-	-	130	75	75	0	5	0
		0.71	V-2	4	0	130	75	85			
		1.0	V-2	4	0	130	75	85			
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	2	0	130	75	85			
21SPT	ALL	0.75	V-2	4	0	130	75	85	0	5	0
		1.0	V-2	4	0	130	75	85			
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	3	0	130	75	85			
21X1(a)(f2), 21SP(a)(f2), 21SPC1(a)(f2), 21SPF1(a)(f2), 21SPG1(a)(f2), 21SPM1(a)(f2), 20NSP1(a)(f2)											
	ALL	0.71	V-2	4	0	130	75	85	0	5	0
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	2	0	130	75	85			
22H(e), 22HSP(e)	ALL	0.71	V-2	4	0	140	95	115	0	6	1
		1.5	V-2	4	0	140	110	125			
		3.0	V-2	4	0	140	110	125			
22HSP(f1)(g)	NC, BK	0.71	V-2	4	0	140	95	115	0	6	1
		1.5	V-2	4	0	140	110	125			

		3.0	V-2	4	0	140	110	125			
22X	NC	0.75	V-2	-	-	65	65	65	-	-	-
		1.5	V-2	-	-	65	65	65			
		3.0	V-2	-	-	65	65	65			
25WHSP	BK	0.76	V-2	4	0	130	75	-	0	6	1
		1.47	V-2	4	0	130	75	-			
		3.05	V-2	4	0	130	75	-			
25WSP(e)(f1), 25WSP-F(e)(f1)											
	BK	0.71	V-2	-	-	-	-	-	0	5	0
		0.75	V-2	4	0	130	75	85			
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	2	0	130	75	85			
31A, 32A, 80X	ALL	0.71	-	-	-	105	65	65	0	5	-
		1.5	V-2	4	0	105	75	85			
		3.0	V-2	3	0	105	75	85			
41(d)	ALL	0.75	HB	4	0	125	75	85	0	5	-
		1.5	HB	3	0	125	75	85			
		3.0	HB	3	0	125	75	85			
41H(d)	NC, BK	0.75	HB	4	0	130	75	115	2	6	-
		1.5	HB	4	0	130	75	120			
		3.0	HB	3	0	130	75	125			
45	NC, BK	0.75	HB	4	0	130	75	85	1	5	0
		1.5	HB	4	0	130	75	85			
		3.0	HB	2	0	130	75	85			
45(f1)	BK	0.75	HB	4	0	130	75	85	1	5	0
		1.5	HB	4	0	130	75	85			
		3.0	HB	2	0	130	75	85			
47(d)	ALL	0.75	HB	4	0	125	75	85	1	5	-
		1.5	HB	4	0	125	75	85			
		3.0	HB	2	0	125	75	85			
47H(d)	NC, BK	0.75	HB	4	0	130	75	115	2	6	-
		1.5	HB	4	0	130	75	115			
		3.0	HB	3	0	130	75	115			
49(d)	ALL	0.75	HB	4	0	125	75	85	1	5	-
		1.5	HB	4	0	125	75	85			
		3.0	HB	3	0	125	75	85			
49H(d)	NC, BK	0.75	HB	4	0	130	75	110	2	6	-
		1.5	HB	4	0	130	75	110			
		3.0	HB	3	0	130	75	110			
64C	NC, BK	1.5	V-2	4	0	130	75	85	0	6	0
		3.0	V-2	3	0	130	75	85			
66B	ALL	0.71	HB	4	0	130	75	85	0	5	0

		1.5	HB	3	0	130	75	85			
	NC, BK	3.0	V-2	2	0	130	75	85			
66J	ALL	0.71	HB	4	0	140	95	115	0	6	1
		1.5	HB	4	0	140	110	125			
		3.0	HB	4	0	140	110	125			
88X-D	ALL	0.40	V-2	-	-	130	75	75	0	5	0
		0.71	V-2	4	0	130	75	85			
		1.0	V-2	4	0	130	75	85			
		1.5	V-2	3	0	130	75	85			
		3.0	V-2	3	0	130	75	85			
ECO366(e)	ALL	0.4	V-0	4	2	120	75	105	0	5	0
		0.75	V-0	4	1	120	80	110			
		1.5	V-0	3	1	120	80	110			
		3.0	V-0	2	1	120	80	110			
ECO366(f1)(e)	BK	0.4	V-0	4	2	120	75	105	0	5	0
		0.75	V-0	4	1	120	80	110			
		1.5	V-0	3	1	120	80	110			
		3.0	V-0	2	1	120	80	110			
R413H	ALL	0.40	-	4	1	120	85	125	3	6	1
		0.75	HB	4	1	130	85	125			
		1.5	HB	4	1	130	85	125			
		3.0	HB	4	1	130	85	125			
R530	ALL	0.75	HB	4	0	120	85	115	1	5	0
		1.5	HB	4	0	120	85	120			
		3.0	HB	4	0	120	105	120			
Polyamide 66 (PA66), furnished as pellets.											
GW350(b)	ALL	0.38	V-2	4	0	65	65	65	4	5	2
		0.75	V-2	4	0	65	65	65			
		1.5	V-2	0	0	65	65	65			
		3.0	V-2	0	0	65	65	65			

(a) - Virgin and regrind up to 50% by weight have the same basic material characteristics. Outdoor and HWI ratings does not apply to regrind material.

(b) - Virgin and regrind up to 50% by weight have the same basic material characteristics with respect to Flammability, HAI, HVTR, D495, CTI, HDT, TS, GWIT, GWFI, Vicat Softening and Ball Pressure.

(d) - Denotes an optional color code.

(e) - Virgin and regrind up to 50% by weight have the same basic material characteristics.

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(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.

(g) - Virgin and regrind up to 50% by weight have the same basic material characteristics with exception of HWI.

(w) - Represents two digits 43 through 50 inclusive, denoting percent glass

(x) - Represents two digits 14 through 32 denoting percent glass.

(y) - Represents two digits 34 through 42 denoting percent glass.

(z) - Represents two digits 14 through 42 inclusive, except for 33, denoting percent glass.

+ - Using dyes or pigments.

Marking: Company name or tradename "VYDYNE" and material designation on container, wrapper or finished part.
Last Updated on 2015-03-10

Questions? Print this page Terms of Use Page Top