



QMFZ2.E70062 Plastics - Component

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[Page Bottom](#)

Plastics - Component

[See General Information for Plastics - Component](#)

SOLUTION INC
3000 OLD CHEMSTRAND RD
CANTONMENT, FL 32533 USA

E70062

Material Dsg	Color	Min. Thk mm	Flame Class	H		R T I			H	D	
				W	A	Elec	Mech		V	4	C
				I	I	Imp	Str	R	5	I	
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 (PA66), glass reinforced, "VYDYNE", furnished as pellets.											
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			
R530H	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(a)	ALL	0.75	HB	4	0	120	100	125	1	5	0
		1.5	HB	4	0	120	100	125			
		3.0	HB	4	0	120	105	125			

R533H	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			
R543	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			
R543H	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			

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	0.75	V-0	0	0	130	65	110	3	6	2
		1.5	V-0, 5VA	0	0	130	95	110			
		3.0	V-0, 5VA	-	-	130	95	110			
		0.38	V-0	-	-	65	65	65			

Polyamide 66 (PA66), impact modified, "VYDYNE", furnished as pellets.

41	NC	0.75	HB	-	-	65	65	65			
		3.0	HB	-	-	65	65	65			

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			
R220	NC	0.75	HB	4	0	105	90	105	1	6	0
		1.5	HB	4	0	105	90	105			
		3.0	HB	3	0	105	90	105			
R240	NC	0.75	HB	4	0	105	90	105	1	6	0
		1.5	HB	4	0	105	90	105			
		3.0	HB	3	0	105	90	105			
RP260	NC	0.75	HB	4	0	105	90	105	1	6	0
		1.5	HB	3	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			
	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	ALL	0.38	V-0	4	0	65	65	65	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), 21X(a), 21SPF(a), 21SPG(a), 21SPM(a)											
	ALL	0.40	V-2	-	-	65	65	65	0	5	0
		0.71	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			
21(a), 50BW(a), 50BWFS(a),											
	ALL	0.40	V-2	-	-	65	65	65	0	5	0
		0.71	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			
22H, 22HSP	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			
22X	NC	0.75	V-2	-	-	65	65	65			
		1.5	V-2	-	-	65	65	65			
		3.0	V-2	-	-	65	65	65			
25WSP(f1), 25WSP-F(f1)											
	BK	0.75	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			
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			
45 SP(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			
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			
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			
		3.0	HB	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			
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), "VYDYNE".											
21SPC(a)(f2)	ALL	0.40	V-2	-	-	65	65	65	0	5	0
		0.71	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), 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 rating 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.

(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.

+ - Using dyes or pigments.

Marking: Company name or tradename "VYDYNE" and material designation on container, wrapper or finished part.

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[Page Top](#)

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