

DOMAMID® ENGINEERING PLASTICS

1. DOMAMID® 6 Automotive Grades

Filler Content (%)	Grade Name	Colour	Viscosity	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Flammability	Other Properties
0	6AV	All colour	M	3100	5	UL94 - V2 ●	
15	6G15	All colour	M	6100	6,5	HB	
30	6G30	All colour	M	9500	14	HB	
30	6G30H	All colour	M	9500	14	UL94 – HB ●	HEAT STABLE
30	6G30ST	All colour	M	9300	17	HB	IMPACT MODIFIED
30	6G30UV	All colour	M	9500	14	HB	UV STABLE
30	6G30HCE	All colour	M	10000	14	HB	ESTHETICAL
40	6G40AF	All colour	L	12500	18	HB	
50	6G50	All colour	M	15000	18	HB	
30	6B30	All colour	M	4200	6	HB	
30	6M30	All colour	M	4800	4,5	HB	
30	6GM304	All colour	M	6000	5	HB	
0	6ST2	All colour	M	2400	25	HB	IMPACT MODIFIED
0	6ST4	All colour	M	1900	55	HB	IMPACT MODIFIED

● Yellow Card Available; ● UL Environment Validation

N: Natural, B: Black;

L: Low (RV=2.45); M: Medium (RV=2.70); H: High (RV=3.2 – 4.0)

All data are related to natural materials only, unless differently specified.

DOMAMID® ENGINEERING PLASTICS

2. DOMAMID® 66 Automotive Grades

Filler Content (%)	Grade Name	Colour	Viscosity	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Flammability	Other Properties
0	66SN	All colour	M	3200	5	UL94 - V2 •	
15	66G15	All colour	M	6000	7	HB	
30	66G30	All colour	M	10000	11	HB	
30	66G30H	All colour	M	10000	11	UL94 – HB •	HEAT STABLE
30	66G30HR	All colour	M	9500	10	HB	HYDROLISI RESISTANT
30	66G30ST	All colour	M	8400	13	HB	IMPACT MODIFIED
50	66G50	All colour	M	16000	16	HB	
30	66B30	All colour	M	4600	4	HB	
40	66M40	All colour	M	5500	7,5	HB	
30 (Mix)	66GM305H	All colour	M	6500	6	HB	HEAT STABLE
0	66ST2	All colour	M	2600	25	HB	IMPACT MODIFIED
0	66ST4	All colour	M	2000	60	HB	IMPACT MODIFIED
0	66ST2F	N/B	L	2200	35	HB	HEAT STABLE – HIGH IMPACT
0	66Y10	B	M	3400	5	HB	LOW FRICTION

• Yellow Card Available; • UL Environment Validation

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DOMAMID® ENGINEERING PLASTICS

3. DOMAMID® 6 E&E Grades

Filler Content (%)	Grade Name	Colour	Viscosity	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	CTI IEC 60112 V	GWFI IEC 695-2-12 C°	RTI	Flammability
0	6AV	All colour	M	3100	5	10			UL94 - V2 ●
0	6AF	All colour	L	3100	5	600	850		UL94 - V2 ●
0	6AFIE	All colour	L	3100	5	-	850	120-65-90	UL94 - V2 ●
0	6V0M1	All colour	L	3400	4,5	600	960		UL94 - V0 ●
30	6G30	All colour	M	10000	11				HB
30 (mix)	6GM302	All colour	M	5300	5				HB
25	6G25V0EF	All colour	M	8500	8	600	960		UL94 - V0 ●
30	6G30V0EF	All colour	M	9500	9	600	960		UL94 - V0 ●
25	6G25V0AH	All colour	M	9000	11	400	960		UL94 - V0 ●

4. DOMAMID® 66 E&E Grades

0	66SN	All colour	M	3200	5				UL94 - V2 ●
0	66V0M	All colour	M	3400	4	600	960		V0
0	66/6V0M	All colour	M	3400	4,5	600	960	130-90-100	UL94 - V0 ●
25	66G25V0AH	All colour	M	9200	7	400	960		UL94 - V0 ●
25	66G25V0EF	All colour	M	8000	6	500	960		UL94 - V0 ●
30	66G30	All colour	M	10000	11				UL94 - HB ●
30 (mix)	66GB305H	All colour	M	7200	7				HB
30	66G30V0EF	All colour	M	9000	7	600	960		UL94 - V0 ●
25	66G2V0P1001	N/B	M	8000	11	575	960	130-65-65	UL94 - V0 ●
25	66G25V0P1003	N/B	M	8100	7	575	960		HB

● Yellow Card Available; ● UL Environment Validation

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DOMAMID® ENGINEERING PLASTICS

5. DOMAMID® 6 Industrial & Consumer Goods Grade

Filler Content (%)	Grade Name	Colour	Viscosity	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Flammability	Other Properties
0	6S	All colour	M	3100	5,5	UL94 - V2 ●	FAST CYCLE
0	AQL34	All colour	H	2900	5,5	HB	
0	AQL40	All colour	H	3000	6	HB	
0	6AV	All colour	M	3100	5	UL94 - V2 ●	
15	6G15	All colour	M	6100	6,5	HB	
30	6G30	All colour	M	9500	14	HB	
30	6G30 HCE	All colour	M	10000	14	HB	ESTHETICAL
40	6 G40UV	All colour	M	13000	17	HB	UV STABLE
50	6G50	All colour	M	15000	18	HB	
60	6G60HCE	All colour	M	21500	20	HB	METAL REPLACEMENT
10	6M10ST	All colour	M	3000	8	HB	IMPACT MODIFIED
30	6B30	All colour	M	4200	6	HB	
30	6M30	All colour	M	4800	4,5	HB	
0	6ST2	All colour	M	2400	25	HB	IMPACT MODIFIED
0	6ST4	All colour	M	1900	55	HB	IMPACT MODIFIED
0	6STC2	All colour	M	2200	40	UL94 – HB ●	LOW TEMPERATURE
0	6STC4	All colour	M	1900	65	HB	LOW TEMPERATURE
0	6PZ40B2	All colour	H	700	25	HB	PLASTICIZED

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DOMAMID® ENGINEERING PLASTICS

6. DOMAMID® 66 Industrial & Consumer Goods Grades

Filler Content (%)	Grade Name	Colour	Viscosity	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Flammability	Other Properties
0	66S	All colour	M	3200	5	UL94 - V2	FAST CYCLE
15	66G15	All colour	M	6000	7		
30	66G30	All colour	M	10000	11		
30	66G30ST	All colour	M	8400	13	UL94 - HB	IMPACT MODIFIED
50	66G50	All colour	M	160000	16		
30	66B30	All colour	M	4600	4	UL94 - HB	
40	66M40	All colour	M	5000	7,5	UL94 - HB	
0	66ST2	All colour	M	2600	25	UL94 - HB	IMPACT MODIFIED
0	66ST4	All colour	M	2000	60	UL94 - HB	IMPACT MODIFIED
0	66STC4	All colour	M	2000	60	UL94 - HB	IMPACT MODIFIED (LT)
0	66Y10	N/B	M	3400	5	UL94 - HB	LOW FRICTION

● Yellow Card Available; ● UL Environment Validation

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ECONAMID® ENGINEERING PLASTICS

7. ECONAMID® 6

Type	Grade Name	Color	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Waste	UL Environment Validation
Unfilled	6FL	B	2800	5	From Yarn Scraps	
Filled	6G30FL	B	9000	5	From Yarn Scraps	
Impact modified	6FLST1	B	2600	9	From Yarn Scraps	
Filled	50TS7	N	9400	9	From Yarn Scraps	•
Filled	70TS10	B	9000	8	From Yarn Scraps	•

8. ECONAMID® 66

Type	Grade Name	Color	Tensile modulus ISO 527 Mpa	Notched IZOD impact strength ISO 180/1A KJ/m2	Waste	UL Environment Validation
Unfilled	66FL	B	2900	5	From Yarn Scraps	
Filled	66G30FL	B	8500	5	From Yarn Scraps	
Impact modified	66FLST1	B	2800	9	From Yarn Scraps	
Impact modified	66FLTS2	B	2200	15	From Yarn Scraps	
Impact modified	SART029	Green	7100	15	From Yarn Scraps	•

• Yellow Card Available; • UL Environment Validation

N: Natural, B: Black;

L: Low (RV=2.45); M: Medium (RV=2.70); H: High (RV=3.2 – 4.0)

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