

AMILAN™
Nylon Resins

Grade	ISO	US	MX	Description
CM1011G-15	>PA6-GF15<	•	•	Nylon 6/Reinforced, Standard, GF15%
CM1011G-30	>PA6-GF30<	•	•	Nylon 6/Reinforced, Standard, GF30%
CM1011G-45	>PA6-GF45<		•	Nylon 6/Reinforced, Standard, GF45%
CM1012G-45 N	>PA6-GF45<		•	Nylon 6/Reinforced, Heat stabilized, GF45%
CM1016G-30	>PA6-GF30<	•	•	Nylon 6/Reinforced, Heat stabilized, GF30%
CM1016G-50	>PA6-GF50<		•	Nylon 6/Reinforced, Heat stabilized, GF50%
CM1016RM-B	>PA6-MD30<	•		Nylon 6/Reinforced, Mineral filler 30%
CM1017	>PA6<	•	•	Nylon 6/Unreinforced, Standard
CM1017XL2	>PA6<	•		Nylon 6/Unreinforced, High cycle
CM1026	>PA6<	•	•	Nylon 6/Unreinforced, Medium viscosity, heat stabilized
CM3001G-15	>PA66-GF15<		•	Nylon 66/Reinforced, Standard, GF15%
CM3001G-30	>PA66-GF30<	•	•	Nylon 66/Reinforced, Standard, GF30%
CM3001G-33	>PA66-GF33<	•	•	Nylon 66/Reinforced, Standard, GF33%
CM3001G-45	>PA66-GF45<	•	•	Nylon 66/Reinforced, Standard, GF45%
CM3001-N	>PA66<		•	Nylon 66/Unreinforced, Standard
CM3004G-30	>PA66-GF30FR(17)<		•	Nylon 66/Flame retardant, Halogen, GF30%
CM3004-VO	>PA66-FR(30)<	•		Nylon 66/Flame retardant, Unreinforced, Non-halogen
CM3006	>PA66<	•	•	Nylon 66/Unreinforced, Heat stabilized
CM3006G-15	>PA66-GF15<	•		Nylon 66/Reinforced, Heat stabilized, GF15%
CM3006G-30	>PA66-GF30<	•	•	Nylon 66/Reinforced, Heat stabilized, GF30%
CM3006G-33	>PA66-GF33<	•	•	Nylon 66/Reinforced, Heat stabilized, GF33%
CM3006G-50	>PA66-GF50<		•	Nylon 66/Reinforced, Heat stabilized, GF50%
U121	>PA6-l<		•	Nylon 6/High impact, Standard
U310	>PA66-l<	•		Nylon 66/High impact, Standard
U328 TL	>PA66-l<	•	•	Nylon 66/High impact, Super high impact, low temperature high impact

Note: If the specific resin grade you need is not listed, please consult our sales team for confirmation.

TORAYCON™
PBT Resins

Grade	ISO	US	MX	Description
1101G-15 U	>PBT-GF15<	•	•	Reinforced, Lubricate GF15%
1101G-20FB	>PBT-GF20<		•	Reinforced, GF20% High Flow, Good Laser-marking
1101G-30	>PBT-GF30<		•	Reinforced, Standard, GF30%
1101G-M45	>PBT+PET-GF45<		•	Reinforced, Good appearance, GF45%
1101G-M55	>PBT+PET-GF55<		•	Reinforced, Good appearance, High rigidity, GF55%
1101G-X50	>PBT+PET-GF30<		•	Reinforced, Good appearance, GF30%
1101G-X54	>PBT-l-GF30<	•		Reinforced, High impact, Heat cycle resistance, GF30%
1164G-30 T2	>PBT-GF30FR(17)<		•	Flame retardant reinforced, Standard, V-O, GF30%
1201G-15	>PBT-GF15<	•	•	Reinforced , Standard, GF15%
1401 X06	>PBT<	•	•	Unreinforced, Standard
1401 X34	>PBT<		•	Unreinforced, Standard
1401 X45	>PBT<	•		Unreinforced, High flow, high cycle
5101G-15	>PBT-l-GF15<	•		Reinforced, High impact, GF15%
5201 X11	>PBT-HI<	•		Unreinforced, Soft, High impact
5201G-20 BM	>PBT-l-GF20<		•	Reinforced, Impact modified GF20%
5201-X10	>PBT-l<	•		Unreinforced, High impact
5207G-20 BM	>PBT-l-GF20<	•		Reinforced, High impact, GF20%
7151G-30	>PBT+SAN-GF30<	•	•	Reinforced, Low warpage, Hydrolysis resistance, GF30%
7151G-F03 B	>PBT+SAN-GF30<	•		Reinforced, Low warpage, High flow, GF30%
7151G-X02	>PBT+SAN+PET-GF30<	•	•	Reinforced, Low warpage, Hydrolysis resistance,Good appearance, GF30%
7157G A30 B	>PBT+ABS-l-GF30<		•	Reinforced, Low warpage, Heat cycle resistance, GF30%
7164G-X02	>PBT+SAN+PET-GF30FR(17)<		•	Flame retardant reinforced, Low warpage, Hydrolysis resistance, Good apearance, V-O, GF30%
8207X01 B	>PBT+PC-l<	•		Unreinforced, High impact, Low warpage
VX10 X01	>PBT+ABS<	•	•	Unreinforced, High impact, Low warpage

TORELINA™
PPS Resins



Grade	ISO	US	MX	Description
A310MX04	>PPS-(GF+MD)65<	•		PPS/GF+Mineral filler reinforced, High filler, Standard
A504 CX1	>PPS-GF40<	•	•	PPS/GF reinforced, GF40%,Coolant resistance
A504X90	>PPS-GF40<	•	•	PPS/GF reinforced, GF40%, Standard
A604 CX1	>PPS-GF40<	•		PPS/GF reinforced, GF40%, Toughness, Coolant resistance
A604X97	>PPS-GF40<	•		PPS/GF reinforced, GF40%, Low flash, High flow
A673M T	>PPS-l-GF30<	•	•	PPS/GF reinforced, Elastomer modified, GF30%, High toughness, Hydrolysis resistance
A675 GS1	>PPS-l-(GF+MD)50<	•	•	PPS/GF+Mineral filler reinforced, Elastomer modified, Heat cycle resistance, High weld strength

TECHNICAL SUPPORT



ORIGINAL PART

Determine the part and boundary conditions to be analyzed.



CAD Modeling

Obtain the client's model or create it.



CAE ANALYSIS

Conduct structural analyses of proposals and compare them with original designs.

CAE Analysis



COST ESTIMATION

It may include prototype, tooling, process, and test material to determine the feasibility of the project.



APPROVAL AND PROTOTYPE

Presentation to the client of the best design proposal for the product and recommendations for tooling design.



FINAL PRODUCT

Analysis and results will be provided with the intention of enabling Toray materials to be used in the production of the part.



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Scan the QR code to access technical documents,
data sheets, and technical information.



CERTIFICATIONS

IATF 16949 | ISO 14001 | VPP Star (EUA)