Toray Resin México, S.A. de C.V.

PA6, PA66 Resin
AMILAN™

PBT Resin
TORAYCON™

PPS Resin
TORELINA™

TORAY
Innovation by Chemistry

CERTIFICATIONS

IATF 16949 **ISO 14001**

- Toray Resin Mexico is a subsidiary company of "Toray Group".
- Toray's Resins Division operates globally and has 21 technical centers and production sites in 11 countries.

Toray Industries, Inc., founded in 1926, is a global chemical company and leader in cutting-edge, high-value-added products including fibers, textiles, plastic resins, fine chemicals, films, as well as carbon fiber composites, products related to electronics and information, pharmaceutical and medical products, and products for water treatment and environmental fields.

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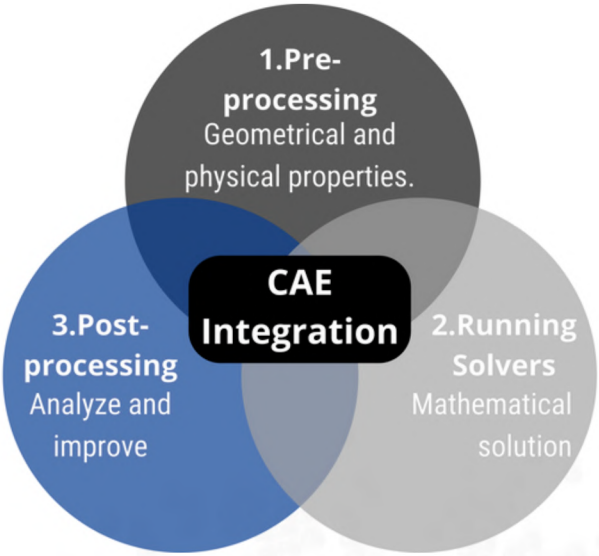
LIST OF AVAILABLE GRADES

If a specific resin grade you require is not shown, please ask our sales team for confirmation.

Resin	Grade	ISO	Specs
PA6	CM1011G-15	>PA6-GF15<	GF15% Reinforced, Standard
	CM1011G-30	>PA6-GF30<	GF30% Reinforced, Standard
	CM1012G-45 N	>PA6-GF45<	GF45% Reinforced, High Strength, Heat Resistance
	CM1016G-30	>PA6-GF30<	GF30% Reinforced, Heat Resistance
	CM1016G-50	>PA6-GF50<	GF50% Reinforced
	CM1017-C	>PA6<	Unreinforced, Standard
	CM1026B2	>PA6<	Unreinforced, Standard. Heat stabilized.
	U121	>PA6-I<	Unreinforced, Super High Impact
PA66	CM3001G-15	>PA66-GF15<	GF15% Reinforced, Standard
	CM3001G-30	>PA66-GF30<	GF30% Reinforced, Standard
	CM3001G-33	>PA66-GF33<	GF33% Reinforced, Standard
	CM3001G-45	>PA66-GF45<	GF45% Reinforced, Standard
	CM3004G-30	>PA66-GF30<	GF30% Reinforced, UL94 V-0
	CM3006S	>PA66<	Unreinforced, Heat Resistance
	CM3006G-30	>PA66-GF30<	GF30% Reinforced, Heat Resistance
	CM3006G-33	>PA66-GF33<	GF33% Reinforced, Heat Resistance
	CM3006G-50	>PA66-GF50<	GF50% Reinforced, Heat Resistance
	U328 TL	>PA66-I<	Unreinforced, Super High Impact
PBT	1101G-15U	>PBT-GF15<	GF15% Reinforced, Standard
	1101G-30	>PBT-GF30<	GF30% Reinforced, Standard
	MXB-06	>PBT-GF15FR<	GF15%, UL94 equivalent to V-0
	1101G-20FB	>PBT-GF20<	GF20% High Flow, Good Laser-marking
	1164G-V30FB2	>PBT-GF30FR<	GF30%, UL94 V-0
	MXB-03	>PBT-GF30FR<	GF30%, UL94 equivalent to V-0
	1101G-M55	>PBT+PET-GF55<	GF55% Reinforced, Good Appearance
	1101G-M45	>PBT+PET-GF45<	GF45% Reinforced, Good Appearance
	1101G X50	>PBT+PET-GF30<	GF30% Reinforced, Good Appearance
	1201G-15	>PBT-GF15<	GF15% Reinforced, Standard
	1401 X06	>PBT<	Unreinforced, Standard
	1401 X34	>PBT<	Unreinforced, Standard
	1401 X51	>PBT<	Unreinforced, Low Gas
	7151G-30	>PBT+SAN-GF30<	GF30% Reinforced, Low Warpage
	7151G-X02	>PBT+PET+SAN-GF30<	GF30% Reinforced, Low Warpage, Good Appearance
	7157G A30 B	>PBT+PET+ABS-GF30<	GF30% Reinforced, Low Warpage, High Toughness
	7164G-X02	>PBT+SAN+GF30FR<	GF30%, Low Warpage, Anti-Hydrolysis, UL94 V-0
	VX10	>PBT+ABS<	Unreinforced, High Impact, High Toughness
PPS	A504X90	>PPS-GF40<	GF40%, Standard
	A504 CX1	>PPS-GF40<	GF40%, Coolant Resistance
	A604	>PPS-GF40<	GF40%, Low Impurity, Toughness
	A604 CX1	>PPS-GF40<	GF40%, Toughness, Coolant Resistance
	A673M T	>PPS-I-GF30<	GF30%, High Toughness, Hydrolysis Resistance
	A310M	>PPS-(GF+MD)70<	Dimensional Stability, High Rigidity
	A675 GS1	>PPS-I-(GF+MD)50<	High Heat Cycle, High Weld Strength, Low Gas

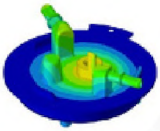
TECHNICAL SUPPORT USING CAE ANALYSIS

With the use of CAE, Toray Resin Mexico provides support to customers to enhance performance, improve products and assist in problem- solving during their development. We perform various structural, thermal, molding, and other analyses to validate material performance throughout the development of each product.



CAD Model

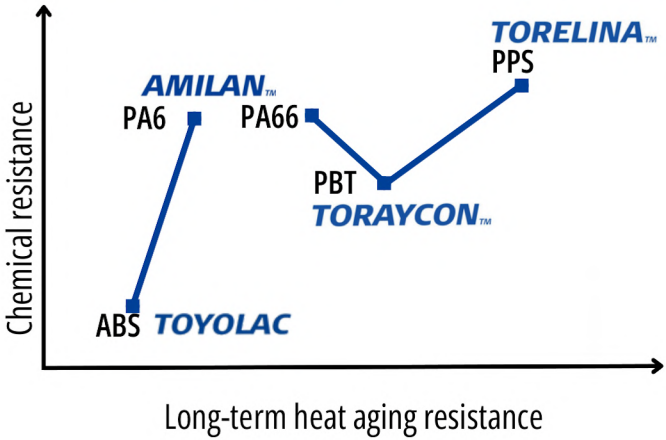
CAE Analysis



CAE Benefits:

- Design decisions can be made based on their impact on performance.
- Extends the ability to effectively use performance information.
- Designs can be evaluated and refined through simulations.
- Helps you manage risk and understand the performance implications of your designs.

PLASTIC PRODUCT LINES



FEATURES LIST

AMILAN **PA6**	• High flow • Resistance to low temperatures • Heat stabilized • High hardness	• Medium viscosity • Fiberglass reinforced • Deformation resistance	• Good appearance • Flame retardancy • Abrasion resistance • Halogenated and non-halogenated
AMILAN **PA66**	• High flow • Resistance to low temperatures • Heat stabilized • High hardness	• Medium viscosity • Fiberglass reinforced • Deformation resistance	• Good appearance • Flame retardancy • Abrasion resistance • Halogenated and non-halogenated
TORAYCON **PBT**	• High flow • High impact • Resistance to fast cycles • Hydrolysis resistance	• Fiberglass reinforced • Resistance to heat cycles • Good appearance	• Flame retardancy
TORELINA **PPS**	• Deformation resistance • High hardness • High flow • High thermal conductivity	• Dimensional stability • CTI: Rank 2 • Fiberglass reinforced • Conductive material	• Flame retardancy

Innovation by Chemistry

TRMX

Headquarter/Plant

Carretera El Salto a La Capilla KM 3 S/N, Parque Industrial El Salto.
El Salto, Jalisco. CP. 456080, México.

Monterrey Office

Av. Lázaro Cárdenas Poniente 2321 Int. 331, Residencial San Agustín 1.
Zona Loma Larga Oriente. San Pedro Garza García, N.L. CP. 66260, México.

Queretaro Office

Av. Paseo Monte Miranda N° 17, Orvit Corporte Center Torre 2, Suite 803
Querétaro, Querétaro. CP. 76246, México.
Tel: (442) 161 2357

www.plastics.toray

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