



**Reacciones
QUIMICAS**

COMPOSITES

WHO WE ARE



Our manufacturing facilities are located in Monterrey Nuevo Leon, just two hours from the southern border of United States.



We have more than 40,000 square meters of manufacturing floor.



Two commercial facilities, one in Guadalajara Jalisco and one in Mexico City.



Our team of over 200 professionals, manufactures more than 45,000 metric tons a year.



A 100% Mexican company with an international presence.

INDEX

UPR & VYNIL ESTER

- PMC – BMC/SMC
- PHT – Pultrusion
- PIP – Oil Tanks
- PIPM – Molds
- PIPD – RTM
- PTM – RTM Light
- PPL – Continuous Lamination
- PPT – General Lamination
- PRA – Body Patch/Body Putty
- PPT – Thermoformed
- PMS – Casting
- PTU – Filament Winding
- PAB – Buttons and Encapsulated
- VYNIL ESTER – Vinyl Ester
- PUG – General Purpose
- PCP – Polymer Concrete

GEL COAT

- 050 Series
- 100 Series
- 150 Series
- 200 Series
 - Waxed
 - General Lamination
 - Cultured Marble
- 220 Series
- 300 Series
- 500 Series
- Gel Coat Colored Palette



**Reacciones
QUIMICAS**

BMC/SMC & PULTRUSION



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Interval	Exothermic Pike (°C)	Conditions
BMC/SMC							
PMC - 3958	63-66	2000-2600 cps	4-5.5	5-6.5	-----	226-238	2.0% BPO paste @ 50% @82°C
PULTRUSION							
PHT - 9322	69-71	2200-2600 cps	3.6-4.8	-----	1-2.4	215-227	2.0% BPO paste @ 50% @82°C

PMC: NPG modified isophthalic UPR, non-promoted, with excellent wet out performance. Used in the manufacturing of FRP, using compression (BMC/SMC) processes.

PHT: Non-promoted Isophthalic UPR, with excellent wet out performance. Used in the manufacture of pultruded FRP parts.

FUEL TANKS AND MOLDS



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Interval	Exothermic Pike (°C)	Conditions
POLYMER CONCRETE							
PCP-9407-07	58 - 61	180-220	7-9	-----	6-12	140-200	1.0% butanox M-50 @25°C
PCP-9652	60 - 62	90-120	12-16	19 - 25	-----	155-175	1.5% butanox M-50 @25°C

PIP: Promoted **Isophthalic UPR** with excellent mechanical properties, manufactured with materials compliant with the FDA 21 CFR 175.330 norm. Developed for fuel tank manufacturing (hand lay-up and spray-up processes) and mold manufacturing.

PIPM: Promoted **Isophthalic UPR** with excellent mechanical properties and very low shrinkage percentage. Highly recommended for mold manufacturing.

RTM AND RTM LIGHT



Product	Solids (%)	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Curing Time (min)	Interval (min)	Exothermic Pike (°C)	Conditions
SPRAY-UP & HAND LAY-UP MOLDS								
PIPD-51225*	58-62	30-40 seg.*	3 min.	16-20	24-30	-----	180 max.	1.25% Norox-925 @25°C
PIPD-51725A	53-58	200-300	2 min.	10-14	Record	Record	Record	1.25% Butanox M-50a @ 25°C
CLOSED MOLDING								
PTM-8587	57-62	70-100	-----	20-25	45 máx.	-----	150-200	1.25% Butanox M-50a @ 25°C

*PIPD-51222 Zhan Viscosity cup # 4 @25°C

PIPD: Non-promoted **Isophthalic Unsaturated Polyester Resin**, thixotropic offering an excellent wet out performance. Developed for manufacturing truck parts with hand lay-up or spray-up processes. Within this segment, you will find products that comply with the FDA 21 CFR 177.2420, with the UL94HB or FMVSS 302 regulations.

PTM: Non-thixotropic Promoted **Isophthalic UPR** with low viscosity, excellent wet out (fillers and fiber glass), excellent mechanic properties and fast curing cycles. Formulated for the manufacture of truck parts using the Resin Transfer Molding (RTM) or RTM Light processes.

CONTINUOUS LAMINATION



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Exothermic Pike (°C)	Conditions
CONTINUOUS LAMINATION					
PPL-3212	57 min.	150-200 cps	5-6	170-200	1% Butanox M-50a @ 25°C

PPL: Promoted Orthophthalic UPR with low color and good wet out properties. Formulated for translucent sheets made in continuous processes.

*Additionally, RQ offers resins designed for hand lay-up processes.

GENERAL LAMINATION



Product	Resin	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	Conditions
GENERAL LAMINATION							
PPT-201-15*	Modified Terephthalic	55-60	300-450 cps	15-20	22-32	160-185	1% Butanox M-50a @ 25°C
PPT-585	Hybrid	57-64	300-450 cps	10-15	18-16	160 max.	1% Butanox M-50a @ 25°C
PPT-607	Hybrid	57-62	300-450 cps	15-19	25-37	160 max.	1% Butanox M-50a @ 25°C
PPT-4015*	Hybrid	55-58	300-450 cps	15-19	27-31	140-160	1% Butanox M-50a @ 25°C
PPT-5857	Orthophthalic	55-58	300-450 cps	10-15	22-30	160 max.	1% Butanox M-50a @ 25°C

PPT: These Unsaturated Polyester Resins are pre-promoted and thixotropic, used in hand lay-up and spray-up processes. They are divided in three groups:

- 1. PPT Orthophthalic Resin** This resin has an excellent box stability and a good fiber glass wet out. It is used to manufacture FRP and re-package in smaller presentations (liters, gallons and 5-gal buckets).
- 2. PPT Hybrid Resins** are pre-promoted, thixotropic and tack free, offering good mechanical properties and good fiber glass wet out. They are used to manufacture FRP
- 3. PPT Modified Terephthalic Resins** are developed under the NORM FMVSS 302. They are used to manufacture FRP products.

** The PPT-201 series offers resins with gel times varying from 10 to 25 min.

** The PPT- 4000 series offers resins with gel times varying from 15 to 37 min.

BODY PATCH/BODY PUTTY (COMPOUNDER)



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	Density (g/ml)	Stability @ 120 °C	Conditions
BODY PATCH/BODY PUTTY (COMPOUNDER)								
PRA-675	62-66	250-350 cps	4.5-5.5	9-13	130 max.	-----	6 min.	4% BPO (50% pasta) @ 25°C
PRA-6620	65-70	500-700 cps	4.5-5.5	9-13	150 max.	-----	6 min.	4% BPO (50% pasta) @ 25°C
PRA-6630	61-67	200-350 cps	3-5	8-12	110-155	1.1-1.2	5 min.	4% BPO (50% pasta) @ 25°C
PRA-6631	61-67	200-350 cps	3-5	8-12	110-155	1.1-1.2	5 min.	4% BPO (50% pasta) @ 25°C
PRA-6634	60-66	200-350 cps	3-5	8-12	110-155	1.1-1.2	5 min.	4% BPO (50% pasta) @ 25°C

*PRA-6620 y PRA-675 Gardner Color 18 max.

PRA: Promoted Orthophthalic UPR, with excellent sanding properties, great filler wet out, bleeding free and very low viscosity (except for the PRA-6620). All of these resins are specialized for manufacturing body putty for the automotive industry.

* Particularly, the PRA-675 resin has a good sanding property and good wet out.

** The PRA-6631 resin has a minor styrene monomer emission while manufacturing the body putty.

ACRYLIC - BONDING



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Interval (min)	Exothermic Pike (°C)	Stability @ 120 °C	Conditions
THERMOFORMING							
PPT-5536	52-54	200-300 cps	10-15	10-13	140-170	1.5 min.	1.25% Butanox M-50a @ 25°C
PPT-5540	50-53	50-110 cps	15-20	13-21	155-185	1.5 min.	1.25% Butanox M-50a @ 25°C

PPT: These resins in particular are hybrid and used in hand lay-up and spray-up processes. They are promoted, thixotropic and offer an excellent green strength and fast curing cycles. These resins have a well to outstanding adherence to acrylic. Recommended for manufacturing bath tubs and acrylic sinks.

CASTING



Product	Resin	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Interval	Exothermic Pike (°C)	Conditions
CASTING								
PMS-695	Orthophthalic	67-70	1400-1600 cps	10-15	20-25	-----	150 max.	1% Butanox M-50a @ 25°C
PMS-7000	Orthophthalic	69-72	2200-2400 cps	17-21	28-37	-----	150 max.	1.25% Butanox M-50a @ 25°C
PMS-7030*	Orthophthalic	-----	325-425 cps	10-15	22-31	-----	150 max.	1% Butanox M-50a @ 25°C
PMS-7095	Hybrid	-----	200-300 cps	17-22	-----	7-12	160 max.	1% Butanox M-50a @ 25°C
PMS-7098	Hybrid	63-67	200-250 cps	9-12	-----	5-10	145-175	1.25% Norox-925 @25°C

*PMS-7030 - Visual Color Strong Pink

There are two types of casting resins:

The PMS Orthophthalic Resins, are promoted with a good filler wet out. These resins are provided in different viscosity ranges to meet your process' needs. All of them show a low color on the final product. They are specialized on manufacturing countertops, tabletops, shower walls and pans, and vanities in hand lay-up processes.

The PMS Hybrid Resins, are promoted and made with recycled materials. These resins have a low viscosity and excellent filler wet out. They have different demolding times in order to fit several processes. With a faster demolding, these resins have a very fast mold turnover on automated manufacturing operations. The resins with a longer demold, are used in hand lay-up processes when making shower walls and pans, countertops, tabletops and bath tubs.

FILAMENT WINDING AND BUTTONS & ENCAPSULATED



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	Apha Color	Conditions
FILAMENT WINDING							
PTU-5103	55 min.	300-400 cps	17-24	40 max.	140-210	-----	1.1% Butanox M-50a @ 25°C
BUTTONS / ENCAPSULATED							
PAB-4303	67.5-69.5	1250-1450 cps	3.5-5	-----	140-160	15 max.	1.7% Butanox M-50a @ 25°C

PTU: Non-promoted, Non-thixotropic, **Modified Terephthalic Unsaturated Polyester Resin** with a very good fiberglass wet out and excellent mechanical properties. It is used to manufacture fiberglass pipes through filament winding process.

PAB: Non-promoted **Orthophthalic Unsaturated Polyester Resin**, has a medium viscosity and low color. It is recommended for either sheet or rod button manufacturing, for ornamental casting and encapsulated processes.

VINYL ESTER



Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Interval	Exothermic Pike (°C)	Conditions
VINYL ESTER						
TVE-08	68-74	1100-1200 cps	6-10	1.53	182-204	2% BPO paste 50% @82°C
VRE-5521	56-61	250-450 cps	15-25	15-25	115-155	0.2% Co 6% + 0.05%DMA + 1% Luperox DDM-9 @ 25°C

*TVE-08 Gardner Color 2 max.

VINIL ESTER: This is a **General-Purpose Vinyl Ester Resin** with a medium reactivity, non-promoted, non-thixotropic, with excellent mechanical and chemical properties. Recommended for manufacturing FRP (hand lay-up, spry-up, pultrusion, compression and RTM processes) and tanks that require chemical resistance.

GENERAL PURPOSE



Product	Resin	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	Apha Color	Conditions
GENERAL USES (VIRGIN RESINS)								
PIS-65*	Isophthalic	64-69	V - Y	10 - 15	20-30	180 max.	-----	.25%Co 12% + 1% Butanox M-50a @ 25°C
PUG-77	Orthophthalic	76-78	Z4-Z6	6-10	16-22	175-200	50 max.	.25%Co 12% + 1% RR @ 25°C (60% sólidos)
PUG-732	Orthophthalic	74-76	Z1-Z4	6-10	20-30	145-170	90 max.	.25%Co 12% + 1% RR @ 25°C (60% sólidos)
PUG-735	Orthophthalic	74-76	V-X	7-10	25-35	100 max.	70 max.	.25%Co 12% + 1% Butanox M-50a
PUG-800	Orthophthalic	78-82	Z4-Z6	7-11	24-32	160 max.	80 max.	.25%Co 12% + 1% Butanox M-50a @ 25°C (60% sólidos)
PUG-8002	Orthophthalic	76-78	Z4-Z6	7-11	20-27	185 max.	80 max.	.25%Co 12% + 1% Butanox M-50a @ 25°C (60% sólidos)
PUG-8004	Orthophthalic	76-78	Z4-Z6	3-4	10-15	190 max.	50 max.	.25%Co 12% + 1% Butanox M-50a @ 25°C (60% sólidos)

* PIS-65 Gardner Color 2 Max.

PUG: These Non-promoted **Unsaturated Polyester Resins** are non-thixotropic and can be divided into Orthophthalic and Isophthalic.

The **Orthophthalic UPR Resins** have a high viscosity and solid content. They are divided in two types:

The **First type of Orthophthalic UPR resins** have good mechanical properties and their green strength may vary from moderate to high, oriented to the FRP market, using hand lay-up and spray-up. They can also be used to cast ornamental figurines.

The **Second type of Orthophthalic UPR resins** have a high flexibility, good fiberglass and filler wet out. Designed to manufacture ornamental figurines, that require high flexibility on the final product.

The **Isophthalic UPR Resins** are non-promoted and non-thixotropic. Designed to manufacture FRP with hand lay-up and spray-up processes.



POLYMER CONCRETE

PCP: Hybrid Unsaturated Polyester Resin, that has fast demolding cycle and is used to manufacture polymer concrete covers and FRP heavy duty boxes. Some of these resins are pre-promoted with excellent fiberglass and filler wet out properties.

Product	Solids (%)	Brookfield Viscosity (cps)	Gel Time (min)	Curing Time (min)	Interval	Exothermic Pike (°C)	Conditions
POLYMER CONCRETE							
PCP-9407-07	58-61	180 -220 cps	7-9	-----	6-12	140-200	1% butanox M-50a @25°C
PCP-9652	60-62	90-120 cps	12-16	19-25	-----	155-175	1.5% butanox M-50a @25°C

GEL COAT

050 SERIES



050 SERIES

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	Conditions
050-B-001	11000-13500	5-7.5	8-12	.....	.....	1.5% butanox M-50a @25°C
050-X-851	2300-3000	4.5-6	3-5	10-15	180 máx.	1.5% butanox M-50a @25°C

050 Series: Is an affordable **Orthophthalic Gelcoat**, ideal for sanding and has a standard wet out performance.

There are two types available:

- A white gelcoat developed to be used on manufacturing fiberglass reinforced parts through open molding processes.
- A neutral color gelcoat, designed to manufacture sink undersides in automated processes.

100 SERIES



100 SERIES (ORTHOPTHALIC)

Product	Solids (%)	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Interval	Exothermic Pike (°C)	ΔE Color	Conditions
100-B-125	67-71	3000-3800	5.5-7	6-8	6-9	180 max.	-----	2% Iuperox DDM-9 @25°C
100-B-126	67-73	3000-3800	5.5-7	6-8	6-9	180 max.	1 max.	2% Iuperox DDM-9 @25°C
100-BA-001	-----	11000-13500	5-7.5	8-12	-----	-----	-----	1.8% butanox M-50a @25°C
100-GA-001	-----	11000-16500	5-7.5	8-12	-----	-----	1 max.	1.8% butanox M-50a @25°C
100-NA-001	-----	11000-13500	5-7	8-12	-----	-----	-----	1% butanox M-50a @25°C
100-XB-002	-----	18000-20500	6-8	8-12	-----	-----	-----	1% butanox M-50a @25°C

100 Series: Divided in **Cultured Marble and General Lamination Gel-coats**, both are Orthophthalic finish gel-coats with a great wet out performance.

Cultured Marble Gelcoats are white with a good curing cycle time, they were developed under the ANZSI Z124.1, .2- 1995, Sec. 6.1.1. norm. Used serial manufacture processes for sinks and cover tops; also used for bath tubs manufacturing.

General Lamination Gel-coats have been developed to manufacture fiberglass pieces with open mold processes. The available colors for these gel-coats are: White, Gray, Black and Neutral Color.

150 SERIES

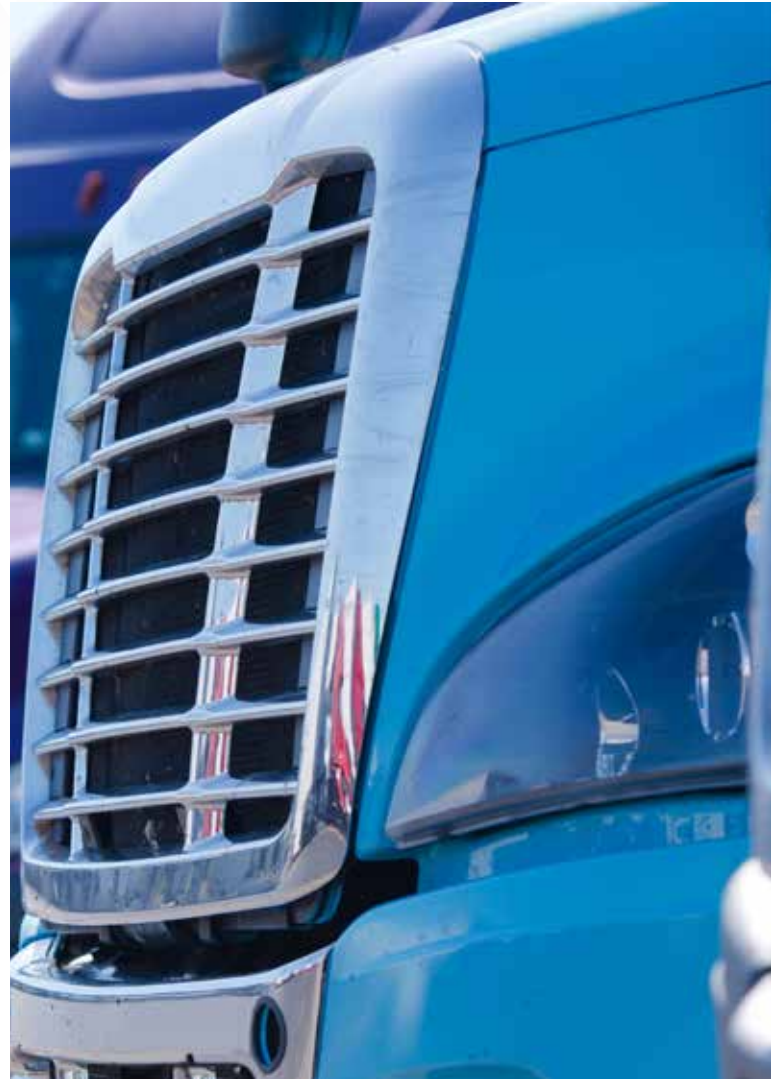


150 SERIES (VFM ISOPHTHALIC)

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Curing Time (min)	Exothermic Pike (°C)	ΔE Color	Conditions
150-B-005	11000-13500	5-7.5	8-12	-----	-----	-----	1.8% butanox M-50a @25°C
150-G-305	11000-13500	5-7.5	14-17	18-30	140-190	1 max.	1.8% butanox M-50a @25°C

150 Series: These are Orthophthalic resins with a good thixotropic performance, developed as an affordable category, this series are developed for general lamination and to manufacture fiberglass pieces through open mold processes. The available colors for these gel-coats are: white and a variety of grays.

GEL COAT 200 SERIES



200 Series: These series has several Isophthalic Gel-coats specialized on: Waxed, Bodywork, Cultured Marble and General Lamination.

200 SERIES (ISOPHTHALIC) - WAXED

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	ΔE Color	ΔE Color	Conditions
200-A-001	18000-20500	6-8	8-12	0-0.15	0.1-0.45	1.8% butanox M-50a @25°C
200-A-002	18000-20500	6-8	8-12	0-1	.....	1.8% butanox M-50a @25°C
200-B-020	18000-20500	6-8	8-12	.....	.....	1.8% butanox M-50a @25°C

Waxed Gel-coats are Waxed Gel-coat are tack free and sag resistant. Designed to be used in manufacturing fiberglass in open mold processes when covering the fiberglass its necessary. The available colors are blue and white.

SERIE 200 (ISOPHTHALIC) - CULTURED MARBLE

Product	Solids (%)	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Curing Time (min)	Interval	Exothermic Pike (°C)	ΔE Color	Conditions
200-B-113	67-73	2800-3300	5.5-7	6-8	.....	6-9	180 max.	1 max.	1.5% butanox M-50 @25°C
200-B-115	67-73	2800-3300	5.5-7	13-17	.....	6-9	180 max.	1 max.	2.0% butanox M-50 @25°C
200-B-118	67-71	2800-3300	5-7	16-18	.....	11-14	140-180	1 max.	1.5% butanox M-50 @25°C
200-B-120	67-73	2800-3300	5.5-7	3-5	7-15	.....	120-180	.....	1.5% butanox M-50 @25°C
200-BD-040	67-73	2800-3200	5.5-7	6-8	.....	6-9	180 max.	.....	2.0% butanox M-50 @25°C
200-BD-070	67-73	2800-3200	5.5-7	8-12	16-22	.....	180 max.	.....	1.5% butanox M-50 @25°C
200-S-050	55-66	2800-3200	5.5-7	5-7	13-19	.....	180 max.	0.45 max.	1.5% butanox M-50 @25°C
200-XD-001	62-70	2800-3300	5.5-7.5	3-5	7-15	.....	180 max.	.....	1.5% butanox M-50 @25°C

* 200-B-118 -HAPS (Styrene) 30-33 *200-S-50 - ΔL Color (0.1 - 0.45)

Bodywork Gel-coats have excellent flexibility, sanding and tack free properties. Specially formulated to be used in manufacturing fiberglass. The available colors are gray and a variety of whites.

GEL COAT 200 SERIES



SERIE 200 (ISOPHTHALIC) - BODY WORK

Product	Solids (%)	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Interval	Exothermic Pike (°C)	ΔE Color	Conditions
200-B-121H	60-70	13000-16500	5-8	20-25	10-18	140-175	1 max.	1.25% butanox M-50 @30°C
200-B-121W	60-70	13000-16500	5-8	20-25	10-18	140-175	1 max.	1.25% butanox M-50 @25°C
200-G-300	58-68	2400-2800	5-8	10-14	-----	150-180	0.5 max.	1.25% butanox M-50 @25°C

* 200-G.300 - Curing Time (min) 20-30, Color ΔL (0.1 - 0.5)

Cultured Marble Gel-coats are finish gel-coats with fast curing cycles and developed to comply with the ANSA Z124.1,,2-1995, Secc.6.1.1. norm. Recommended to manufacture vanities and cover tops made on automated manufacturing operations, also suggested for bath tubs. This series also includes products that require a stronger chemical and staining resistance in comparison to conventional Gel-coats. The available colors are: Neutral Color, Off-white, gray and a variety of whites.

SERIE 200 (ISOPHTHALIC) - GENERAL LAMINATION

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	ΔE Color	ΔL Color	Conditions
200-B-114	2800-3000	4.5-6	8-12	1 max.	0.6 máx.	2.0% butanox M-50a @25° C
200-B-127	18000-20500	6-8	8-12	-----	-----	1.8% butanox M-50a @25° C
200-BA-001	11000-13500	5-7.5	8-12	-----	-----	1.8% butanox M-50a @25° C
200-GI-009	11000-14000	5-7.5	8-12	0.45 max.	0.1-0.45	1.0% butanox M-50a @25° C
200-NA-001	11000-13500	5-7.5	8-12	-----	-----	1.0% butanox M-50a @25° C
200-S-071	11000-13500	5-7.5	8-12	0.5 max.	0.1-0.5	1.8% butanox M-50a @25° C
200-TA-001	11000-13500	5-7	8-12	-----	-----	1.0% butanox M-50a @25° C
200-XB-002	18000-20500	6-8	8-12	-----	-----	1.0% butanox M-50a @25° C

General Lamination Gel-coats are finish gel-coats with a great flexibility, specialized on manufacturing fiberglass parts by open mold processes like: Cooling towers, panels, ceilings, cabins and automotive parts. The available colors are: White, Off White, Black, Transparent, Neutral and Gray.

* 200-B-114 - Curing Time (min) 15-20, Exothermic Pike (°C) 180 max, Δa Color (0.3 max), ΔB Color (-0.3 - 0.3)

* The 200-B-127 Gel-coat was developed under the ANSI Z124.1,,2-1995 Secc. 6.1.1., and a fact curing cycle.

220 SERIES



SERIE 220 (ISOPHTHALIC) - GENERAL LAMINATION

Product	Solids (%)	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Interval	Exothermic Pike (°C)	Conditions
220-B-117	65-75	50000-550005	-7	8-12	7-10	180 máx.	1.8% butanox M-50a @25°

220 Series: Is a white **Isophthalic Gel-coat**, Is a white Isophthalic Gel-coat with high viscosity and good flexibility. Finish geal-coat specially developed to manufacture fiberglass parts on open mold processes, where the application is done with paintbrushes.

300 SERIES



300 SERIES (ISOPHTHALIC NPG)

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Interval	Exothermic Pike (°C)	ΔL Color	Δa Color	Δb Color	Conditions
300-T-800	2000-2500	4-6	4-6	6-9	170-200	87 min	-0.6-0.1	1-3.5	2% butanox M-50a @25°C
300-T-808W	2000-2500	5-7	4-6	7-12	180-210	87 min	-0.6-0.1	1-3.5	1.5% butanox M-50a @25°C
300-T-809W	2000-2500	5-7	5-7	6-9	180-210	87 min.	-0.6-0.1	1-3.5	2% Luperox DDM-9 @25°C
300-T-8100	2000-2500	5-7	3-5	5-7	190-210	87 min.	-0.6-0.1	1-3.5	2% butanox M-50a @25°C
300-T-8101	2000-2500	4-6	3-5	5-7	190-210	87 min.	-0.6-0.1	1-3.5	2% Luperox DDM-9 @25°C

300 Series: ISO-NPG Gel-coat with fast demolding cycles, superior weather resistance (UV rays), reduced yellowing in the box and developed to comply with the ANSI Z124.1,2-1995 Secc. 6.1.1. norm. It is used on the manufacture vanities and plaques in automated manufacturing operations, and also for bath tubs. The available colors are: Off White, Gray, Beige, and Transparent.

*The 300-T- 808 -W and 300-809W Gel-coats have lower monomer styrene emissions.

500 SERIES



500 SERIES (TOOLING)

Product	Brookfield Viscosity (cps)	Thixotropic Index	Gel Time (min)	Curing Time (min)	Thixotropic Index	Conditions
500-J-001	15000-20000	6-8	18-23	24-38	170-220	1.8% butanox M-50a @25°C
500-V-001	15000-20000	6-8	18-23	.....	.....	1.8% luperox DDM-9 @25°C

500 Series: Isophthalic Gel-coat tooling, has a fast-curing cycles and gloss properties. Used specifically to manufacture molds. The available colors are: Orange and green.

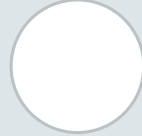
COLOR PALETTE

050 Series



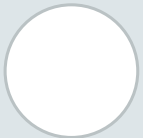
Whites

220 Series



Whites

100 Series



Whites



Neutral



Gray



Black

300 Series



Off White



Beige

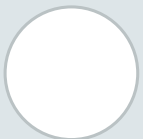


Gray



Transparent

150 Series



Whites



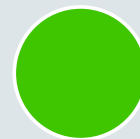
Grays



500 Series



Orange



Green

200 Series



Whites



Off white



Neutral



Beige



Gray



Black



Transparent



Blue



**11 Different Types of White

* There are a total of 48 colors available

Note: The real colors might vary based on the application process, area, brightness, and light. This is only a guide to show the clients the colors available.

TAILOR MADE

With more than 40 years on the UPR Mexican market, Reacciones Químicas has been able to develop a team of experts, having access to up-to-date laboratories and technology, and when putting together all these attributes the result is a very propitious environment to develop tailored made products, that covers all the needs of our customers.

We are committed to develop and maintain a product portfolio of Composites and Coating resins that offer outstanding performances. We keep innovating to give our clients unique products that will enable them to develop differentiated solutions for their customers within a variety of competitive markets.

If you are looking for a product tailored made, please let us know, and we will help you to develop a custom-made solution for your business.





www.reacciones.com

CORPORATE AND MANUFACTURING FACILITIES

Carretera a Saltillo Km 7
Santa Catarina N.L. 66359
T. (81) 8151.0200

COMMERCIAL FACILITIES – GUADALAJARA

Calle 1 No. 3568 Esq. Calle Caña
Col. Nogalera C.P. 44470
Guadalajara Jal.
T. (33) 3666.0705 y 3666.0931

COMMERCIAL FACILITIES – MEXICO

Cerrada de Tejocotes s/n Lote No.4 bodega No.1
Fracc. Industrial San Martín Obispo
Cuautitlán Izcalli, Edo. de México 54769
T. (55) 5819.9064 al 68



www.reacciones.com

Reacciones Químicas S.A. de C.V. has the right to change all the spec at any time.
Reacciones Químicas S.A. de C.V. does not offer any guarantee over any application made with our products.
We consider that our products, guidance formulas and recommendations have to be tested before they are used.